

# The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Founded 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3302  
XXXIX

MAY 22, 1943

Annual Subscription (with  
Diary) 25/- Single Copies 1d.

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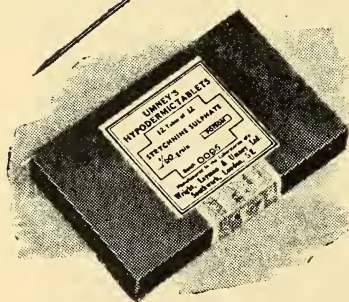
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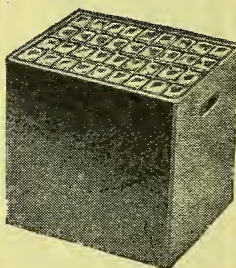
are Strong, Serviceable and Sure-sealing

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- ★ CONVENIENT IN SIZE
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K



  
KERFOOT

K

**T**HE activities of Thomas Kerfoot & Co., Ltd., nowadays cover a far wider field than the preparation of specialities suitable for sale through the usual peace-time channels. During this war, as in the last, many preparations of urgent national importance have been developed and these must of necessity take precedence over everything else. The small margin of our output which remains for immediate trade requirements is being distributed as evenly as possible.

In these circumstances we have discontinued our usual style of Press Advertising and we are confining our activities to small reminder advertisements, designed to maintain that goodwill which is of incalculable value to chemists as well as to ourselves.

K

**THOMAS KERFOOT & CO. LTD.**  
Vale of Bardsley . . . Lancashire

K

K 14

**PROMOTES DEEP  
REFRESHING  
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**BOURN-VITA**  
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SANTRON  
MENSINOLE**

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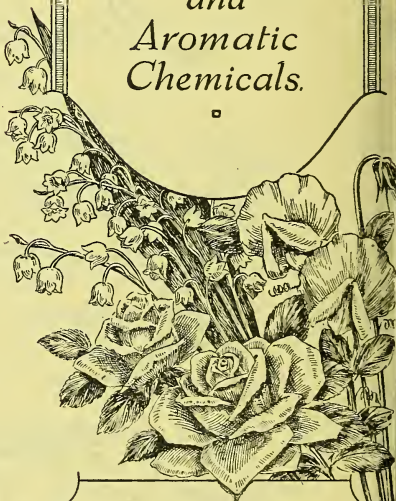
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COMPLETE WITH  
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with equal fairness. All our well-  
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We are still giving **TRADE** requiremen  
every attention and courtesy



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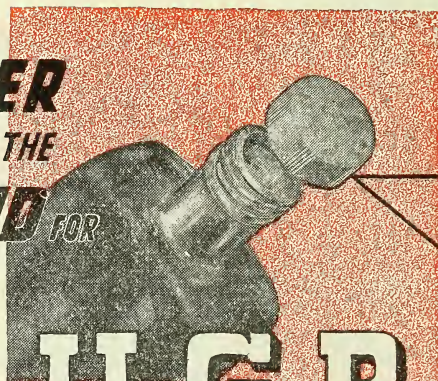
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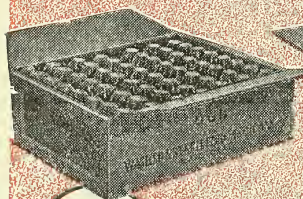
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**THAN EVER IS THE**  
**DEMAND** *FOR*



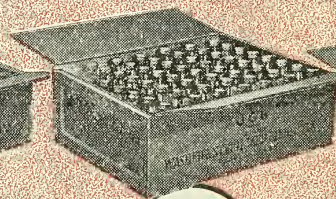
PERFECTED  
**WHITE**  
**CAP**

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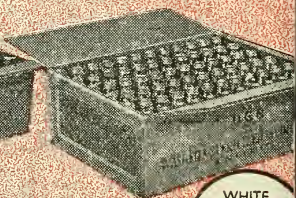
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 DISPENSING BOTTLE  
 IN ANY EMERGENCY

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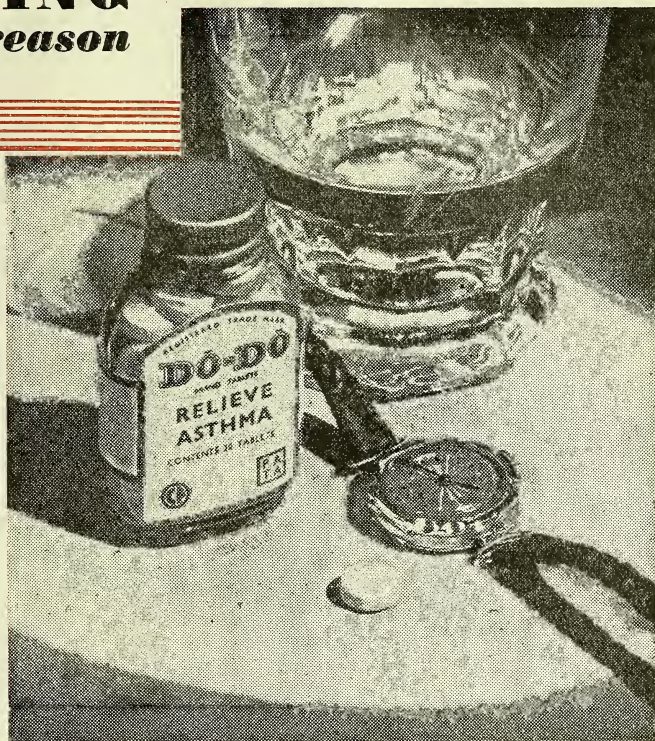
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FULL DOSES

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EXCLUSIVE OF PURCHASE TAX

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P.A.T.A.



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# Asthma Cure...

Price 2/2 per tin  
(Including Tax)  
Wholesale 18/- per doz.  
(Packed in half doz.)  
Plus 3/- per doz. Tax

AN ESSENTIAL LINE FOR EVERY CHEMIST THIS WINTER.  
THIS WIDELY KNOWN AND RELIABLE REMEDY HAS WON  
THE APPROVAL OF THE PUBLIC... A GOOD LINE FOR YOU!!

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### Please Note

- 1st. All Orders are forwarded in strict rotation, and we are now TEN weeks behindhand in delivery.
- 2nd. Due to the position, all additions can only be treated as separate orders.
- 3rd. When writing with reference to an order on hand, please give **exact date** when sent on.

### "SURE SHIELD"

Registered Trade Mark

IODISED THROAT TABLETS  
FRUIT LAXATIVES  
GLYCERINE OF THYMOL  
PASTILLES

PASTILLES      LOZENGES  
TABLETS

**Thos. Guest & Co. Ltd.** *Manufacturing Chemists*  
Carruthers Street, Manchester, 4

# PYREX

Regd. Trade Mark Brand.

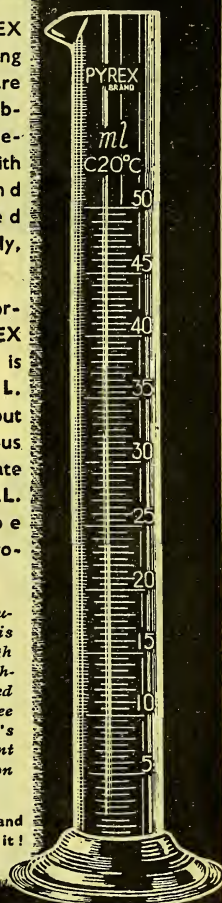
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By specifying "PYREX Brand" when ordering Graduated Glassware you are assured of obtaining strong serviceable glassware, with division lines and numerals etched clearly and precisely, for easy reading.

For everyday laboratory work PYREX Brand Glassware is graduated to N. P. L. class B. standard, but for more meticulous analysis or intricate research work, N.P.L. class A. can be supplied at the appropriate extra costs.

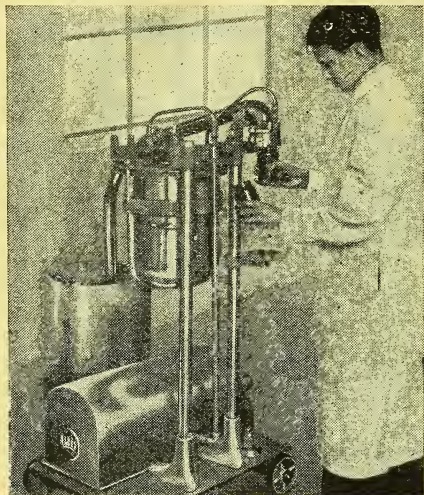
*PYREX Brand Graduated Glassware is supplied only through Laboratory Furnishers, but illustrated catalogue and two free copies of our Chemist's Notebook will be sent direct on application to us.*

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**WEAR GLASS WORKS**  
**SUNDERLAND**





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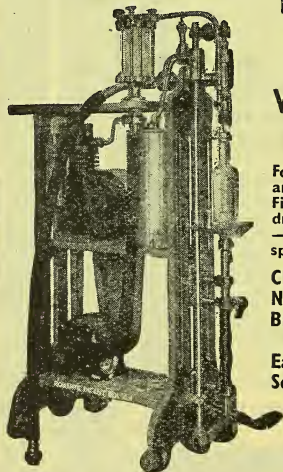
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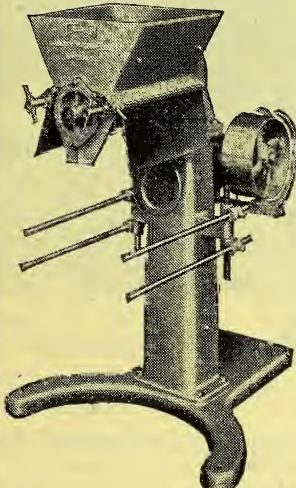






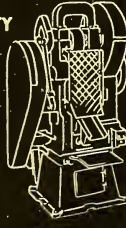
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★ *Brit. med. J.*, 1942, 1, 668.  
*J. Clin. Endocrin.*, 1942, 2, 639.

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## NEWS OF THE WEEK

**Invoices as Between Businesses.**—The Board of Trade has made the Price-controlled Goods (Invoices) Order, 1943 (S. R. & O., No. 604). The Order, which comes into operation on June 1, deals with invoices as between businesses, particulars of preservation of invoices, and replaces the previous Order of 1941. Copies may be obtained from H.M. Stationery Office, for one penny.

**Trade Sales of Edible Oils.**—The Minister of Food has revoked the Dripping and Edible Oils (Control of Sales) Order, 1942, and made a new Order controlling the sale of oils and fats to trade users. Under the new Order all oils and fats other than suet, nut paste and peanut butter, that are suitable for use in the manufacture or preparation of human food may only be bought by, or sold to, a trade user under the authority of a permit issued by the Ministry. The Order comes into force on May 24. Copies will be available from H.M. Stationery Office shortly.

**Tax-free Batteries.**—An Order made by the Treasury (S. R. & O. 637) exempts certain electric batteries from purchase tax from May 11. The batteries affected are those of not more than 90 volts specially designed for high-tension supply for deaf-aid appliances and using cells not larger than 40 mm. overall in length and 13½ mm. in diameter.

**Infestation Now Notifiable.**—The Minister of Food has made an Order (the Infestation Order, 1943) under which additional powers have been taken to deal with infestation by rats, mice, insects, etc., of foodstuffs, materials, containers, vessels, premises and land. The Order provides for the notification in writing by the owner or occupier of infested premises or goods and for the issue of Directions prohibiting their use until such time as the infestation is remedied. Pest-control undertakers will be regulated by licence, and the Minister may direct the methods to be employed and the substances to be prepared.



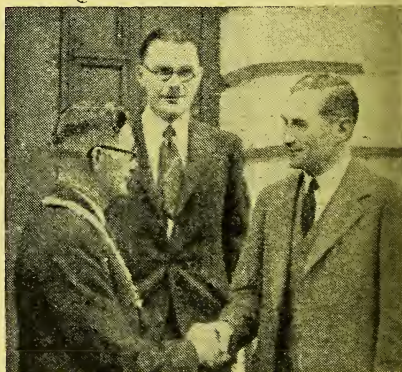
**Pembrokeshire Officers.**—The annual meeting of the Cardigan, Carmarthen and Pembrokeshire Branch of the Pharmaceutical Society was held at Carmarthen on May 13, when officers were elected as follows: *Chairman*, Mr. I. M. Lloyd; *Vice-chairman*, Mr. I. Miles-Davies; *Secretary*, Mr. John Gower (re-elected). Three members were appointed to attend the meeting of Branch Representatives in London on Whit Monday.

**Chemists' Defence Association.**—The directors of the Association, at a meeting on May 5, received a report on outstanding cases and on new claims that had arisen since the previous meeting. Settlements had been effected in six cases involving payments of £17 8s. 6d., £2 10s., £3, £3 10s., 12s. and £3 3s. The remaining cases were left in the hands of the secretary for negotiation and settlement. Proceedings against a member for an injunction restraining him from "passing off" had been defended, as it appeared that the member concerned had acted innocently in the matter. The plaintiffs had been awarded costs and had secured an undertaking from the defendants against any future conduct that might result in "passing off." Summonses against a member under the Food and Drugs Act in respect of cod liver oil emulsion with hypophosphites alleged to be deficient in cod liver oil and in hypophosphites were defended and their dismissal secured.

**Chemists to Co-operate in Health Survey.**—Chemists are to play a part in a national health survey being organised under the auspices of the Ministry of Food. The object of the survey, which is being instituted in consultation with the chief medical officers' standing committee of the Ministry of Health, is to provide at quarterly intervals information indicating the average weight in relation to height and age in various sections of the population. Much of the necessary information has already been provided by Government departments, but there are sections of the population which could only be included in the survey by direct contact with the individuals. These sections include housewives, who are often the first to be affected by changes, and employees in small businesses which have no medical or welfare facilities. The importance of including these sections in the survey is fully recognised, and experiments are already in hand to find the best method of making contact with them and providing the necessary facilities.

In the towns selected for the survey number of housewives and employees small businesses will be asked to co-operate. Each will be given a card which he or she must take to one of the local chemists whose names are printed on the back of the card. The chemist will record weight and height and keep the card for collection by the Ministry. The weighing will be carried out quarterly, a start being made immediately in Northampton, Ilford and Holborn, in order to establish the most efficient procedure. The survey will be extended in due course to the whole of the country.

**Liverpool's Decisions on Professional Conduct.**—The revised draft statement upon matters of professional conduct was discussed at a meeting of the Liverpool Branch of the Pharmaceutical Society, held on May 10. Councillor W. J. Tristram, J.P., presided. Clause 6 was held to be not explicit enough; it ought to make clear that contraceptive preparations and appliances or their illustrations should not be exhibited or advertised in any way. Clause 8, dealing with the solicitation of orders for drugs and medicines, was considered too drastic, and likely to handicap chemists in meeting the competition of other traders; it was negatived. It was agreed to suggest an additional combination of words for Clauses 16 and 17, providing that names other than the official ones should not be given in the British Pharmacopœia or the British Pharmaceutical Codex.



**SOCIETY'S SECRETARY AT PLYMOUTH.**—Mr. F. Eustace (chairman) welcomes Mr. H. N. Linsted, O.B.E., M.P. (secretary, Pharmaceutical Society), on his visit to Plymouth recently to address members of the local branch of the Society. Also in group is Mr. A. G. M. Madge (secretary of the branch).

**Commodity Insurance Scheme.**—The Board of Trade has, with the approval of the Treasury, decided that, in respect of the period beginning June 3 and ending September 2, the rate of premium payable under any policy issued under the Commodity Insurance Scheme shall continue to be at the rate of 2s. 6d. per cent. per month.

**Danger of Indigestion Powders.**—An inquiry was held at Exeter, on May 13, into the circumstances attending the death of a thirty-two-year-old lorry driver. It was stated that the man had been discharged from H.M. Forces suffering from ulcerated stomach. Dr. W. A. Robb, pathologist at the Royal Devon and Exeter Hospital, attributed death to coma, due to alkalosis, caused by taking indigestion powders. He said there was some evidence of a real danger attendant on the self-administration of indigestion powders over a long period of time. This man had an operation for a perforated gastric ulcer some years previously, and adhesions had formed which interfered with the free emptying of the stomach. This tended to give rise to indigestion, for which he took more and more powder, and poisoning by the alkaline powders occurred. The remedy was not to administer indigestion powders indiscriminately. There was no control over the amount of such powder that could be bought at a shop. It was regarded as so harmless that people took it with great freedom, when actually it was a potential source of danger. A verdict of death from alkalosis poisoning was returned by the coroner.

**Even Conclusions on Post-war Pharmacy.**—The annual meeting of the Brighton and Hove Branch of the Pharmaceutical Society was held on May 4, forty-six members being present. The officers elected were: *Chairman*, Mr. G. F. Paterson; *Vice-chairmen*, Messrs. W. L. Chatfield and T. Harper; *Secretary*, Mr. Edgar Jones; *Treasurer*, Miss Kieldsen; *Auditor*, Mr. John Plowright; *Committee*, Miss Burditt and Messrs. E. Stick, T. Henry, W. M. Rees, G. Padwick, F. Lord, with the following country members: Miss Peck; Messrs. Brumwell and Lawson Russell. Mr. Edgar Jones said the Council wished to learn the opinions of chemists on the questionnaire recently issued. As the answers to most of these questions depended entirely on the kind of pharmaceutical service chemists would be expected to give in the future, he outlined what he thought were probable developments and summarised the conclusions arising therefrom as a useful standpoint from which

to consider the questionnaire. His conclusions were: That the pharmaceutical service should be based on a panel of pharmacies; entrance to the panel should be under the control and approval of the district Health Committee, which would first consult the Pharmaceutical Committee of the district; in areas where the population was not sufficient to make an approved pharmacy financially remunerative, a subsidy should be paid by the State; a schedule of equipment and stock to be carried by every pharmacy on the panel should be prepared; the system of payment and administration now used for N.H.I. dispensing should be followed; service in the diagnostic or pathological laboratories attached to the clinics should be open to pharmacists possessing the necessary qualifications; since patent medicines will be totally unnecessary when a free medical service is available for all, all advertisements relating to them should be discontinued after some date to be fixed. Discussion was adjourned.

**Manchester "Brains Trust."**—The annual meeting of the Manchester Pharmaceutical Association and Branch of the Pharmaceutical Society was held on May 11. The report of the Association's Council and Branch Executive was read by THE SECRETARY (Mr. T. Miller). THE JUNIOR SECRETARY (Mr. J. Tomlinson) read the report of the Junior Executive. THE TREASURER (Mr. G. V. Tyler) submitted the annual reports and balance sheets. All reports were adopted. Votes of thanks were accorded to the president of the Association (Mr. A. E. Thorpe), the chairman of the Branch (Mr. Harry Brindle) and the other officials for their services during the year. The Branch Executive members were nominated and re-elected. Representatives were appointed to attend the Branch Representatives' meeting in London on Whit Monday. From the sale of tickets for two Centenary Books of the Society £5 6s. was collected for the Society's War Aid Fund. Mr. E. Cronin handed over £4 12s. 6d. he had collected for the Society's Benevolent Fund. The sale of a cine camera brought £5 for the National Pharmaceutical Union War Distress Fund. In a short "brains trust" MISS ROBERTS and MR. BRINDLE replied to questions sent in by members who had attended the refresher course at the University. MR. J. H. FRANKLIN replied to a question, "Who Shall Rule Pharmacy, the Council or the officials of the Society?" He said undoubtedly the Council determined the policy of the Society. The permanent officials were

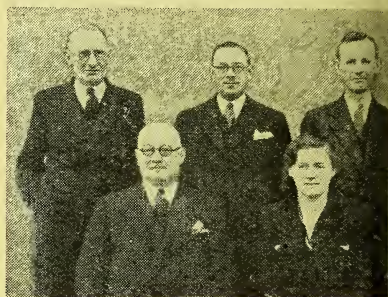


careful to see that the decisions of the Council were carried out. The responsibility for dealing with emergency questions that required immediate attention devolved upon the president, and the action taken was always reported to the Council. Then followed a discussion on the revised statement upon matters of professional conduct.

**Anglesey's Annual Meeting.**—At the annual meeting of the Anglesey, North Carnarvonshire and Colwyn Bay Branch of the Pharmaceutical Society held recently, Mr. J. G. Edwards, Penmaenmawr, was elected *Chairman*, and Mr. M. W. Lloyd, Colwyn Bay, was re-elected *Vice-chairman*. The *Secretary* (re-elected) is Mr. T. Noel Dixon, Bangor. The chairman, secretary and Mr. Gwilyn H. Hughes, Conway, were appointed to represent the Branch at the representatives' meetings to be held on June 13. The various clauses in the Council's "Statement on Matters of Professional Conduct" were considered, with a view to guiding the delegates and giving them some idea of the wishes of members. Mr. D. A. Bryan, J.P. (area representative on the National Pharmaceutical Union), opened a discussion on "Pharmacy and the Beveridge Report" by reminding members that the health services of the country held a prominent place in the Report. It was obvious that many changes were likely to take place, and equally obvious that there was no unanimity as to what pharmacy required, or the part pharmacists should play. He assured his hearers, however, that the leaders were active, that talks were already taking place, and that they did not intend that pharmacy should be rushed into any new scheme. Neither would it be squeezed out. It was his opinion that the most satisfactory and economical method of increasing the medical services would be by extending present schemes. If the whole population of the country were brought into the scheme, the business of pharmacists would undergo many changes, and there would be enormous changes in the sale of patent medicines. The professional side of pharmacy would come into its own, and pharmacies would have to be equipped accordingly. It was essential that pharmacists should be adequately remunerated.

**Irish Company Inaugurated.**—Recently, in accordance with Eire company law, Edward Taylor, Ltd., Monton, formed an Irish company, with Irish nationals holding responsible directorates. For some years past Messrs. Taylor have been manufacturing and distributing Flexoplast products in Eire under the direction of their Irish

representative (Mr. Sylvester O'Farrell). Over two years ago the industry installed in premises at Ard-na-Gre Dublin. The new company, Edward Taylor (Ireland), Ltd., has as its chairman Frank G. Haworth of the parent company. Mr. W. Greenhalgh of the English company is also a director. The principal Irish director is Mr. Sylvester O'Farrell, the other being Mrs. E. O'Farrell and Mr. D.



DIRECTORS OF EDWARD TAYLOR (IRELAND) LTD.—Seated, Mr. Frank G. Haworth (chairman) and Mrs. E. O'Farrell. Standing, Messrs. Sylvester O'Farrell, Walter Greenhalgh and David D. MacDonald.

MacDonald (solicitor). To mark the inauguration of the Irish company a dinner was given at the Dolphin Hotel, Dublin, April 15. This was presided over by Frank Haworth. In addition to the directors and Messrs. A. Wright (secretary) and G. A. Overend (solicitor), the attendance included the Lord Mayor of Dublin (Rt. Hon. Alderman P. Doyle, T.D.), Alderman Alfred Byrne, T.D., and Messrs. Vere White, S. Phillips, W. F. Satve, H. G. Walshe, J. N. Bannister, and H. Smith. The Lord Mayor proposed the toast "Edward Taylor (Ireland), Limited," to which he coupled the names of Messrs. Frank Haworth and Sylvester O'Farrell. The parent company, the Lord Mayor said, had been associated with Ireland for over half-a-century, and held an honorable place in Irish pharmacy. He wished the new company the fullness of prosperity, and was sure it would occupy a high place among the many new pharmaceutical industries recently established in Dublin. Mr. Haworth thanked the Lord Mayor. For over twenty years he (the speaker) had been coming to Ireland and had enjoyed every visit. The London Director of Medical Supplies regarded Flexoplast products as domestic requirements that must not be neglected and he felt the same outlook would obtain in Eire.

**powder Puffs.**—Traders are reminded that the manufacture of powder puffs, except under licence, is prohibited by the Miscellaneous Goods (Prohibition of Manufacture and Supply) (No. 3) Order (S. R. & 1943, No. 149). Licences permitting the continued manufacture of prohibited goods are given by the Board of Trade only in exceptional cases where they are satisfied that the labour and raw materials required cannot be put to better use. In view of the necessity for conserving supplies of textile materials, the Board will in no circumstances license the manufacture of powder puffs comprising a handkerchief or other textile material greater than 9 sq. in. area.

**Meat-extract Manufacture Licensing.**—The Minister of Food has made an Order under the Manufactured and Pre-packed Goods Control Order, 1942, appointing April 18 as the date on which it became obligatory for manufacturers of meat, fish, table, yeast and malt extracts and similar foods, and also of dried soup mixtures and gravy preparations to hold licences. Returns already submitted will automatically serve as applications for such licences, but manufacturers who have not submitted returns should make immediate special application for licences to the Ministry of Food, St. John's College, Oxford. From August 24 it will be an offence for any unlicensed person to sell any of the products mentioned unless it has been manufactured or pre-packed under licence.

**Madagascar Resources.**—With a view to facilitating the revival of economic relations between Madagascar and the Allied Nations to ensure the maximum participation in the war effort of all resources of Madagascar, the French National Committee has agreed with the Governments of the United Kingdom and the United States as follows: (1) further notice, the surplus available for export to the Allied countries of specified foodstuffs and raw materials will be purchased through Allied Government agencies at prices to be mutually agreed upon. The foodstuffs and raw materials purchased as above will be allocated in accordance with the needs of the Allied Nations by the Combined Food and the Combined Raw Materials Boards. Other commodities will be available for purchase through normal trade channels. Traders should, however, assure themselves regarding export licences, the availability of shipping space and authorisations to import

into the consuming countries, etc., before making definite commitments. The items specified include the following of interest to the drug trade: (a) Lard, tallow, maize, manioc root, manioc flour and starch, ground nuts, castor oil and seeds, other oil seeds, cinnamon bark, and pepper; (b) bristles, rubber, rubber seed, beeswax, phosphates, coconut charcoal, pyrethrum, guano and tung oil.

**Wolverhampton Branch Report.**—The report of the activities of the Wolverhampton Pharmacists' Association and Branch of the Pharmaceutical Society during the previous twelve months was presented at the annual meeting of the Branch on April 20. It records balances of £12 to carry forward on the Association's general account, £8 13s. on the social account, and £9 8s. on the Branch account. The Branch prize had been won by Sheila Donnellan, who elected to have a British Pharmaceutical Codex. The Association prizewinners were Marie C. Evans (botany) and Joyce M. Taylor (chemistry). At the annual meeting of the branch on April 20 the following officers were elected: *Chairman*, Mr. A. A. C. Whick; *Vice-chairman*, Mr. W. H. Careless; *Treasurer*, Mr. C. M. Warner; *Secretary*, Mr. J. Foster Taylor; *Committee*, Messrs. Asbury, Blenkinsop, Dyson, Frost, Pirie, Rimmer, Roberts, and C. M. Warner. During the evening the proposed draft rules of conduct were considered and were approved with the following exceptions: Rule 2: The words "implying" or "infering" to be inserted after the word "public." Rule 6 to be deleted. The view taken was that modern opinion favoured the use of contraceptives and that none had a better right to sell them than the chemist. Bold main displays were not favoured, but the Branch saw no reason why a showcard could not be discreetly displayed. Rule No. 9 was supported, with an expression of regret that the medical profession did not act likewise. Rule 12 was objected to in its present form, by reason of the invidious position in which the chemist who had charged a reasonable price would be placed in proving his charge where the first dispensers of a prescription had undercharged. Rule 13 was rejected in favour of a suggestion that chemists should use their influence to secure the purpose underlying the proposed rule. Rule 19 was recommended to be deleted. The opinion was expressed that the Council had already sufficient power in this direction, and that the clause gave too wide a power.



# TOPICAL REFLECTIONS

## Youth Takes Action

The formation, after a three-day conference, of a Pharmacy Faculty Committee of the National Union of Students (p. 506) is an important development. So closely are the professional and commercial sides of pharmacy related that the policy of the new committee, when put into practice, is sure to have an influence on the organisation of employees in their business relations with employers, a matter still, apparently, in a rudimentary stage. From the mention of "animated discussion" one gathers with sympathetic interest that the keenness of youth, its impatience and its generous hope of a better world, were all in evidence. Several good things were said. One example must suffice for mention here, the statement that pharmacy is a service. If anyone doubts that, let him pass a few minutes in a chemist's shop listening to the proceedings at the counter. It will be found, I believe, that only a small proportion of the sales is effected without an exchange of question and answer, the answer often taking the form of useful advice that finds no expression in the contents of the till. Just as the medical practitioner has to focus his knowledge—acquired, like that of the pharmacist, in the studies of an overloaded syllabus—on the day-to-day problems of illness, so the chemist in business has to bring his scientific training to bear on the numerous queries put by his customers, and to give prompt answers to the best of his ability. Is it likely that within the next few years all these queries will be transferred to "health centres," and that pharmacists will be left to give undisturbed attention to National Health Insurance prescriptions in secluded and standardised dispensaries? I think not.

## Big Business

In his excellent address (p. 507) at this conference, the secretary of the Pharmaceutical Society is reported as saying that bureaucracy "acted as an antidote to big business," though qualifying this statement by adding that big business checked bureaucracy and was important in that it was venturesome. To say that bureaucracy acts as an antidote to big business seems to me a hysteron proteron, a putting of the cart before the horse. Let us be clear about this. So far as I am aware, neither pharmacists nor other classes of the community have any quarrel with big business as such. In his erudite "Study of History" Professor

Arnold Toynbee declares, giving instance from Egypt, Babylon and elsewhere to back his contention (but not mentioning Brunswick Square) that huge buildings have usually been constructed in periods of degeneration. His fondness for the Greek maxim *meden agan* (nothing in excess) such that he would apparently extend to disapproval of large-scale architecture in life in general. But however plausible such a deduction may appear at first sight, it is quite fallacious if applied to present-day commerce. The primary point to be considered is: what is the most appropriate size of unit for economical working? In the experimental stage, a scale too large for the best results aimed at is tried, and any management hesitate for a moment to abandon it? So well is this principle understood that there is in operation a trial scale between laboratory experiment and full-scale manufacture. The common sense of the matter is that there is a place in business for heavy industries and a place, not less honourable, for retail shops.

## The Imperial Institute

The fiftieth anniversary of the formal opening of the Imperial Institute, which occurred last week, suggests a brief note on this great organisation. Its inception dates back to 1887, when it was founded as a memorial to Queen Victoria in honour of her jubilee. Strangely, as it may seem to us now, a coolness towards the project was manifested in some quarters; the conception of Empire was at that time less prominent factor in public life than it is in our day, and the importance of the work the Institute was to undertake was not generally realised. The governments of the British Dominions, Colonies and Protectorates have, however, long realised it as a practical way by contributing to the cost of maintenance. The value of the Institute in supplying manufacturers and others interested with information concerning raw materials available or capable of production in some part or parts of the Empire cannot be over-estimated. Its official Bulletin gives analytical data of laboratory examinations of specimens from practically every part of the world; in addition, the Institute answers inquiries regarding sources of supply and similar points. A reference library is another important feature. The list of drugs investigated by the staff experts is a remarkable one. **Xrayser**

## COMPANY NEWS

**DILRUBA, LTD. (P.C.).**—Capital £1,000. Manufacturers of perfumes, cosmetics, drugs, etc. Rafiq Anwar and Raschid Anwar, directors. R.O.: 65-66 Chancery Lane, London, W.C.2:

**ADVANCED PATENT PROCESSES, LTD. (P.C.).**—Capital £100. Manufacturers of and dealers in chemicals, plastics, drugs, etc. Herbert Reynell and Mrs. Harriet Smith, directors. R.O.: 62 Oxford Street, London, W.1.

**UNITED ESSENCE INDUSTRIES, LTD. (P.C.).**—Capital £1,000. Manufacturers of and dealers in fruit essences, essential oils, etc. Directors not named. Secretary: David Lewis, 201 Regent Street, London, W.1.

**PRIDE CHEMICAL MANUFACTURING CO., LTD. (P.C.).**—Capital £500. Manufacturers of and dealers in soap, washing materials, toilet requisites, etc. John T. Allan and Mrs. Iris Florin, directors. R.O.: 143 Cannon Street, London, E.C.4.

**HOWARD'S MALTED MILK, LTD. (P.C.).**—Capital £100. Manufacturers of and dealers in malted milk and similar preparations, etc. William S. Shepherd (a director of W. S. Shepherd, Ltd.), 38 Mountgrove Road, London, N.5, director. R.O.: 168 Regent Street, W.1.

**OLD ENGLISH HERB SHOP, LTD. (P.C.).**—Capital £100. Wholesale or retail merchants and growers of herbs, manufacturers of and dealers in medicinal articles and beauty products, etc. S. S. Gibbins and E. Stuart, directors. R.O.: Cowley Works, Cowley Place, Brent Street, Hendon, London, N.W.4.

**A. V. S. MANUFACTURING CO. (PRESTON), LTD. (P.C.).**—Capital £500. To acquire the business of manufacturing chemists carried on as the "A. V. S. Manufacturing Company" at Longton, nr. Preston. Arthur V. Sharples and Alma A. Sharples, directors. R.O.: Howick Cross Dépôt, Liverpool Road, nr. Preston, Lancs.

**HUGH NEWSOME & CO., LTD. (P.C.).**—Capital £400. To acquire the business of a chemical manufacturer carried on by Hugh Newsome at 12 London Street, Southport, and to carry on business as manufacturers of and dealers in toilet requisites, etc. Hugh Newsome, Edith Newsome, Edward R. Aspinall, Edgar Newsome, Fairbank Newsome and James S. Winter, directors. R.O.: 12 London Street, Southport, Lancs.

**DOWDS MINERAL WATERS, LTD. (P.C.).**—Capital £10,000. To acquire the business of a manufacturer of and dealer in mineral waters and other drinks carried on at Hillkirk Street, Beswick, Manchester, as "Patrick Dowd." Bernard, Eda and Joseph A. Dowd, directors. R.O.: 37 Hillkirk Street, Beswick, Manchester.

**INTERNATIONAL SPONGE IMPORTERS, LTD.**—Net profit for 1942, after allowing for depreciation, amortisation and directors' fees, amounts to £15,910, against £16,217 in 1941.

**BENGER'S FOOD, LTD.**—Net profit for the year ended March 31 amounted to £25,856, against £27,639 in the preceding year. Final dividend on ordinary shares is  $7\frac{1}{2}$  per cent., making 10 per cent. (same) in all.

**WRIGHT, LAYMAN & UMNEY, LTD.**—Net profit for the year 1942 amounted to £32,089, against £30,916 in 1941. Dividend declared on ordinary shares is 10 per cent. (same as last year); revenue reserve, £6,500 (same); carried forward, £10,966 (£10,977).

**HALL, FORSTER & CO., LTD.,** manufacturing chemists, Newcastle-on-Tyne.—Mr. J. H. Forster, M.P.S., has resigned his position as managing director. Mr. N. E. Forster, Ph.C., has been appointed in his place. Mr. J. H. Forster, who retains his governing directorship, recently completed fifty years in the business.

**VOLUNTARY LIQUIDATION.**—A meeting of members of J. Fielding (Soap Manufacturers), Ltd., will be held at Hill Crest, East Keswick, Leeds, at 6 p.m. on June 7, to receive the account of the Liquidator.

**WINDING-UP REPORT.**—A general meeting will be held at the offices of Gough, Son & Clare, High Street, Brierley Hill, Staffs, at 11 a.m. on June 4, to receive a report on the winding-up of A. E. Cox (Chemists), Ltd.

## "C. & D." QUIZ, NO. 2

1. What is gum dragon?
2. What is Warburg's tincture?
3. What is Hoffmann's anodyne?
4. What is Harrogate salts?
5. When and where was the Pharmaceutical Society inaugurated?
6. What is the derivation of the word "paregoric"?
7. Who founded Plough Court?
8. Who were the first women members of the Society?
9. Who was "walking Pett"?
10. What does ipecacuanha mean?

(Answers on page 540)



## LEGAL REPORTS

**Location of Businesses Order.**—At Hamilton Sheriff Court, on May 13, Archibald Cook, 222 Glasgow Road, Blantyre, was charged with having between February 8 and March 18 carried on a retail business at 67 Glasgow Road, Burnbank, Hamilton, in drugs, medicines and toilet preparations, contrary to the Location of Retail Businesses Order. For the defence it was stated that a technical offence had been committed and the summons was dismissed with an admonition.

**Dangerous Drugs Act.**—At Portsmouth, recently, Surgeon-Commander M. A. Graham-Yooll, O.B.E., was fined £10 for an offence under the Dangerous Drugs Act. According to the prosecution he had bought drugs from local chemists but had not kept an accurate record of his purchases. For the defence it was stated that he had kept a file but it did not comply with all the requirements. There was no suggestion that he was a drug fiend or that he had used the drugs improperly.—At Festiniog, North Wales, on May 13, William Emrys Williams, M.P.S., Blaenau Festiniog, was fined £25 for a breach of the Dangerous Drugs Act. It was stated that defendant received dangerous drugs on February 13 and had not registered them until February 16, whereas the law demanded registration the same day.

**Packing Charges for Saccharin Tablets.**—At Croydon Police Court, on May 14, H. H. Huffer & Co., Ltd., wholesale chemists, London Road, Thornton Heath, were summoned for, in selling saccharin tablets, making an additional charge for packing and delivery, contrary to the Saccharin (Control and Maximum Prices) Order, 1941. An inspector of the Ministry of Food said that as a result of inquiries and noticing on defendants' invoices charges for packing and delivery, he interviewed Mr. H. H. Huffer, a director, who appeared to have been taken by surprise. He produced all the information of any service from the company's records, and said: "We have always charged for packing, and all goods are sold ex-warehouse in accordance with the general business of the trade. I was not aware that under the Control Order packing and postage could not be charged." The prosecution agreed that in any event defendants had not exceeded the maximum prices. On each of six summonses a fine of £2 was imposed. The court agreed to state a case for appeal.

**Food and Drugs Act.**—Corporal James Peter Forrester, trading as Phos-Tonic Co. St. Helens, was summoned at Bury Police Court, on May 13, for selling a bottle of tonic not of the nature, quality and substance demanded by the purchaser and for issuing a label calculated to mislead. This Phos-Vita was sold from a shop in Bury and it was claimed on the label that Phos-Vita was a "pick-me up" and a "great nerve tonic." The retail price was 3s. 9d. Analysis showed that the bottle contained 0.07 per cent. phosphoric acid, 0.02 per cent. quinine, 0.10 per cent. solid matter and 99.81 per cent. coloured and flavoured water. The shopkeeper bought the Phos-Vita in October 1941, and paid 2s. 6d. per bottle. Medical evidence was given that Phos-Vita had no medicinal value. Defendant, who appeared in his uniform, said the Phos-Vita sampled had been off the market for the last fifteen months. On the advice of his consulting chemist he had substituted a stronger tonic for the one complained of. His wife was carrying on the business while he was in the Army. He was fined £30.

## COMING EVENTS

Wednesday, May 26

LEEDS BRANCH OF THE PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 3 p.m. Annual meeting.

ABERDEEN AND NORTH-EASTERN SCOTTISH BRANCH OF THE PHARMACEUTICAL SOCIETY, Caledonian Hotel, Aberdeen, at 3.15 p.m. Annual meeting.

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7.15 p.m. Col. P. G. Stock, C.B., C.B.E., on "Scabies and Recent Methods of Treatment" (illustrated).

WEST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS, Ilford Town Hall, at 7.45 p.m. Variety concert. Tickets 1s. and 2s. Proceeds in aid of Pharmaceutical Society's Benevolent and Orphan Funds.

BATH BRANCH OF THE NATIONAL PHARMACEUTICAL UNION, 9 Kingston Buildings, at 7.30 p.m. Discussion on pharmacy under a national health service; local enforcement of Chemists' Friends rules.

## TRADE NOTES

**Corn Solvent.**—Increased advertising is being put out by Findlays, chemists, St. Patrick Street, Edinburgh, 8, for Findlay's solvent for corns, hard skin, warts and unions.

**Discontinued During Summer Months.**—International Chemical Co., Clifton House,uston Road, London, N.1, advise chemists that the "K" parcel of Pineate cough syrup is not being supplied during the summer months.

**Three-fold Beef Extract.**—As a contribution to making war-time diet more attractive, Tyne Brand Products, North Shields, suggest So-Taist-Ee extract of beef, vegetable and yeast. Full particulars are given on another page.

**Supply Shortage.**—Koray, Ltd., Bloomfield Road, Blackpool, give notice of some delay in the delivery of Koray tablets owing to increased shortage of supply. Orders are being dealt with in strict rotation, and only normal "rationing" is now being imposed.

**Limited Supplies Again Available.**—Thos. Kristy & Co., Ltd., 3 Castle Street, Barnham, Surrey, announce that they are once more in a position to supply restricted quantities of M.O. emulsion of magnesia made by Musterole Fine Products Co., Ltd.).

**Range of Floral Bouquets.**—Park Lane Enterprises, Ltd., 71 Houndsgate, Nottingham, offer to small manufacturing chemists a complete range of floral compounds and bouquets of superfine quality. Items in the range are listed in an advertisement in this issue.

**Reduced Prices.**—Pharmaceutical Specialties (May & Baker), Ltd., Dagenham, announce reductions—effective from May 4—in the prices of Thiazamide brand sulphathiazole tablets and sulphathiazole soluble ampoules. Details appear on another page.

**Larger Supplies Distributed.**—Although still restricted, Harlene preparations have been sent out in larger quantities recently, but the makers, Edwards Harlene, Ltd., state they are unable to open any new direct accounts. Products and prices are listed on another page.

**Health Salts in Tins.**—The Harrogate Tablet Co., Ltd., Back Woodfield Road, Blackpool, announce that Harrogate health salts are being packed in tins to comply with the British standard specification

which provides for a minimum capacity of 10 fl. oz. Supplies are limited but orders are being taken for future delivery.

**An Old-established Proprietary.**—Fluzo powders for speedy relief from colds, 'flu, headache, etc., are available from usual wholesaler or direct from the sole proprietors, A. S. Price & Co., Ltd., manufacturing chemists, Blackheath, Birmingham. A few areas are still open for representative agents. Fluzo is packed in boxes of ten powders. Terms are given elsewhere in this issue.

**Morhulin.**—This product, formerly marketed as Destin, is now manufactured in this country. It is the original external cod liver oil preparation for wounds and skin injuries. It is made up as ointment, surgical dusting powder and suppositories, and packed in bulk and for dispensing. The makers, The Priory Laboratories, Ltd., 21 Eastbury Road, Northwood, Middlesex, will be pleased to send particulars to chemists.

### Business Changes

MR. D. McDERMOTT, M.P.S., has acquired the pharmacy of Mr. Peter Grant, M.P.S., 296 Old Chester Road, Birkenhead.

AVA, LTD., soap manufacturers, have removed from their office and factory to 41 Brixton Water Lane, S.W.2. Telephone: Brixton 7134 [Corrected note].

### Proprietary Articles Trade Association

**Alterations to Protected List.**—McKesson & Robbins, Ltd., Calox tooth-powder. Owing to package regulations the manufacturers are modifying existing packs. A new pack (4 fl. oz.) to take the place of the present family can is being introduced: 1s. 6d., 12s. doz., tax 4s. doz., inclusive retail price 1s. 10d.

Henry C. Miner, Ltd., Appliodine, 8d., 6s. doz., tax 1s. doz., i.r.p. 9d.; 1s. 4d., 12s. doz., tax 2s. doz., i.r.p. 1s. 6d.

Deletions.—Parke, Davis, & Co., Cascara Evacuant (80 fl. oz.); Fecto (16 fl. oz.); Irradex (2½-lb. and 7-lb. sizes); Orygene tablets, 36's.

**Purchase Tax at 100%.**—The following new retail prices should be noted: R. Demuth, Ltd., Frozooclon, small green bottles and ivorettes for handbag, 3s. 4d.; Carnate nail-polish paste, 2s. 11d.

Reine des Cremes, Ltd., La Reine des Cremes, 10d., 2s. 1d. and 3s. 9d.; all other sizes temporarily discontinued.

Taylor's Drug Co., Ltd., Bates Frizzetta, 3s. 6d.; Pelletta, 2s. 4d. and 5s. 8d.

Wright, Layman & Umney, Ltd. Correction. Wright's coal-tar talcum powder, 2s. 4d.



## PERSONALITIES

MAJOR W. E. WOOLLEY, M.P., M.P.S., addressed Blackburn Chamber of Commerce recently on the Beveridge proposals.

MR. JAMES AITCHISON, M.P.S., 82 Viewpark Drive, Rutherglen, has been admitted as a Burgess by Rutherglen, Lanarkshire, Town Council.

MR. G. F. PATERSON, the new chairman of the Brighton and Hove Branch of the Pharmaceutical Society, is Sussex representative of Parke, Davis & Co., London.

MR. ALEXANDER COCKBURN, M.P.S., manager of the Grafton Laboratories, Penang, missing since February 1942, is reported a prisoner of war in Malaya.

SERGEANT LAURENCE S. ROBB, M.P.S., 3 Gindera Road, Montrose, who is reported wounded in the fighting in North Africa while serving with the Royal Army Medical Corps ambulance corps, served his apprenticeship with Baillie A. W. Ritchie, Montrose.

MR. JAMES WITHERS FIRTH, a chief engineer in the Merchant Navy, and a son of the late Mr. Marmaduke Firth, M.P.S., North Parade, Bradford, has been awarded the Order of the British Empire, civil division, for gallantry in the face of enemy attacks at sea.

SUB-LIEUTENANT RICHARD SEFTON JAMES, R.N.V.R., has been promoted Lieutenant. Prior to joining the Royal Navy Mr. James was a representative for Burgoyne, Burbidges & Co., Ltd., in the North of England. His peace-time duties are being successfully carried on by his wife during his absence.

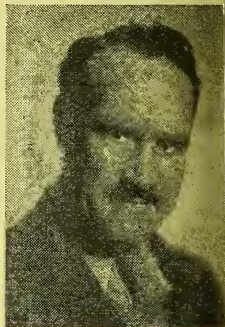
MR. PETER GRANT, M.P.S., who is retiring from business (see p. 536), has been at Chester Road, Birkenhead, since 1909. He served his apprenticeship with Davidson & Kay, chemists, Aberdeen, and qualified in 1898. He was in business in Hull for nine years before going to Birkenhead. In 1914 he was elected president of the local Pharmacists' Association, an office he held for three years. He has now been made an honorary life member of the Association. Mr. Grant is also a member of the Pharmaceutical Committee.

## BIRTHS

WILLIAMS.—On April 22, the wife of R. E. Williams, M.P.S., 1 Diamond Jubilee Terrace, Abertillery, of a son.

## DEATHS

ANDERSON.—On May 13, suddenly, at his home, Eglinton, Church Hill, Merstham, Surrey, Mr. Donald Campbell Anderson, aged fifty-one, Assistant Publisher of THE CHEMIST AND DRUGGIST. A funeral service was held at All Saints' Church, South Merstham, on Saturday, May 15, where his many friends, business and personal, met to pay their last tribute to a very true friend. Morgan Brothers (Publishers), Ltd. (proprietors of THE CHEMIST AND DRUGGIST), were represented by Sir Austin Hudson, Bart., M.P. (a director), Messrs. C. Barrie-Smith, O. F. C. Bromfield, C. Cooper, C. W. Jones, R. C. Messent and B. F. Oldham. Mr. H. A. Berens represented Biddle, Sawyer & Co., Ltd. Mr. Anderson was a son of the late George Anderson, who was on the publishing staff of THE CHEMIST AND DRUGGIST for so many years. Mr. Donald Anderson joined the publishing staff of THE CHEMIST AND DRUGGIST in 1914, and almost immediately took up a commission in the 12th Service Battalion of the Royal Fusiliers. He saw active service in France in 1915 and 1916, and rose to the rank of senior captain of his battalion. He was wounded twice and awarded the Military Cross. He then proceeded to India and later was appointed Commandant of a Station in the Southern Shan States in Burma with the rank of Lieutenant-Colonel. In 1919 he returned home to take up his appointment on the publishing staff of THE CHEMIST AND DRUGGIST, which he held up to the time of his passing. He was widely known in the London drug trade, and his sunny disposition and sterling character endeared him to everyone with whom he came in contact. His colleagues at Essex Street mourn the loss of a good and staunch friend, and will remember him as a delightful and trusted companion and a great example of one who never said an unkind word or did an unkind thing. To his widow they express deep sympathy in her irreparable loss. Mr. Anderson, with his wife, volunteered as



Mr. D. C. Anderson

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ens prior to the outbreak of the war, had served continuously in that capacity in the Merstham Civil Defence organisation up to the time of his death.

Herbert Berens writes: "Of Donald person it can be truly said that everyone knew him was the happier for having in him; he was devoid both of guile and malice; he radiated goodwill and com-ship; he aspired neither to power nor success, for to him good fellowship was more important than either. With him there was no withholding but the giving in full measure of a generous personality. He had that zest for life, coupled with a broad humanity. To his work he brought enthusiasm and a quiet efficiency which impressed those with whom he came into contact. It can be truly said 'He nothing more did nor mean.' He found his happiness in the happiness of others, and he long remembered."

LLS.—Recently, Mr. Albert James, 29 High Street, Kinver, Stourbridge. Bills passed the Minor examination of Pharmaceutical Society in 1897.

BOURDAS.—At Orchard Dene, Hambrook, near Peterborough, on May 6, Mr. Isaiah Bourdas, M.P.S., formerly managing director of H. J. & Bourdas, Ltd., Pont Street, London, S.W., aged sixty-nine.

BRUCE.—Recently, Miss Elsie Bruce, 2 Beach Road, Paignton, Devon. Bills passed the Minor examination in 1942 and the Major in the following year.

MARK.—Recently, Mr. Gerald Robert Mark, M.P.S., 5 Canterbury Close, Cambridge, aged thirty-five.

HIDER.—Recently, Mr. Francis Hider, chemist and druggist, Bowden Drive, Church, Essex, aged eighty.

HOYLE.—Recently, Mr. Arthur Hoyle, chemist and druggist, Selby Avenue, Blackpool, formerly of Coventry, aged seventy.

VESEY.—Recently, Mr. William Forrest Vesey, chemist and druggist, 25 Powis Street, Preston, aged eighty.

PEARSON.—Recently, Mr. Benjamin Pearson, chemist and druggist, Pool Bank, Southwaite, Kendal, aged seventy-two.

PHILLIPS.—Recently, Mr. Wilfred Phillips, M.P.S., 12 Chandos Road, Redland, Bristol. Mr. Phillips qualified in 1919.

SMITH.—Recently, Mr. Frederick William Smith, M.P.S., manager for Boots, Ltd.,

67 Charles Street, Milford Haven. Mr. Smith qualified in 1920.

TAYLOR.—Recently, Mr. William Taylor, M.P.S., 156 Warwick Avenue, Derby, aged seventy-eight.

WHITTAM.—Recently, Mrs. Dorothy Whittam, M.P.S., Station Road, Longfield, Kent. Mrs. Whittam qualified in 1920.

WILSON.—Recently, Mr. George Wilson, M.P.S., 4 High Street, Launceston. Mr. Wilson passed the Minor examination in 1891.

## RECENT WILLS

MR. PATRICK LISTON, Connell Street, Limerick, chemist, who died on July 23, 1942, left personal estate in England and Eire valued at £2,376.

MR. JOHN TREE, M.P.S., 20 Kimbolton Avenue, Bedford, formerly of Golder's Green, London, N.W., who died on February 13, left £3,978 gross, with net personalty £3,428.

MR. JAMES JONES, 5 Bridge Street, Newcastle Emlyn, Carmarthen, and late of 34 Richmond Park Road, Bournemouth, retired chemist and druggist, who died on January 27, left £255.

MR. GWILYM RUFUS EVANS, M.P.S., 10 Woodside Road, Woodford Green, Essex, and of Parc-y-box, Kidwelly, Carmarthen, who died on October 11, 1942, left £3,459, with net personalty £1,356.

MR. ALFRED JAMES IRELAND, 4 Marlow Drive, North Cheam, Surrey, chemist and druggist, formerly of Queen's Road, Buckhurst Hill, who died on November 30, 1942, left £2,658, with net personalty £2,623.

MR. JOHN WILLIAM QUIBELL, M.P.S., 885 Finchley Road, Golders Green, N.W. (governing director, John W. Quibell, Ltd.), who died on October 15, 1942, left £9,970 gross, with net personalty £9,721.

MR. EDMUND HORATIO CHAPMAN, 90 Burton Road, Didsbury, Manchester, for many years a member of the staff of James Woolley, Sons & Co., Ltd., manufacturing chemists, Manchester, who died on February 10, left £1,573, with net personalty £1,521.

MR. GEORGE WAYMARK, 28 Grange Crescent, Chigwell, Essex, a director of Britton, Malcolm & Waymark, Ltd., chemists' sundriesmen, 38 Southwark Bridge Road, London, S.E.1, who died on January 24, left £12,964, with net personalty £11,327.





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Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Scotland and of other Chemists' Societies in the Empire

CXXXIX MAY 22, 1943 NO. 3302

*fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

## Proprietary Medicines

One of the more stable elements in the changing practice of medicine is the demand by the public for a remedy for the treatment of an ailment. There has been much talk in recent times of "positive health," but it is clear that there are varying opinions as to what is meant by the term. Medical treatment is, with few exceptions, an attack upon illness, while the chief desideratum of positive health is today the Ministry of Food. But it often happens, when we discuss, whether positive or otherwise, is being discussed, that a sweeping condemnation is made of proprietary medicines, or, as they are so often wrongly called, "patent" medicines. Lord Geddes, speaking in the House of Lords on May 5 on the subject of the evacuees from the cities in 1939, said they (the evacuees) wanted "this, and the other to kill pain. They all seemed to believe that patent medicine was an essential element of diet. . . . The tradition of the bottle still remains, that seems to have infected our people. I imagine that very many people whom I have met in London—the typists, and the men too, and a good many people whom one meets in Government offices—

are all looking for something to escape from pain, something to take to be well; they do not expect to be well without taking anything." Mr. Linstead, in his address before the Plymouth Branch of the Pharmaceutical Society recently, said chemists must be more critical of patent medicines and refuse to handle the stuff that was mere junk. Efforts, both voluntary and compulsory, have been made in recent years to "clean up" the proprietary medicine business by restricting the claims which are allowed for remedies, notably by the Advertising Association, the Proprietary Association of Great Britain and the Pharmacy and Medicines Act, 1941. The measures invoked by the last-mentioned included disclosure of the formula on the label, but it is open to debate whether anyone has been deterred from taking a medicine on this account. If, as the secretary of the Society urged, chemists are to criticise "junk," who is to decide what comes within this category?

## In the Nation's Interest

A few years ago a Joint Conference of the British Medical Association and the Pharmaceutical Society investigated the possibility of the establishment of an approved list of proprietary medicines but decided to abandon the proposals. It was stated that the need for an investigation of this kind was proved, but that it would involve an expenditure of at least £2,000 a year, an expense which neither body could face. If there is so much "junk" still on the market it is desirable in the interests alike of the manufacturers of proprietaries of recognised therapeutic value, chemists, and the health of the nation, that such a state of affairs should not be allowed to continue. The Government is now prepared to do so much for the health of the nation that so comparatively small an expense ought not to be allowed to stand in the way of what is in everyone's interest. But whether the Pharmaceutical Society should be involved is another matter. By the judgment in the Jenkin case it is precluded from intervening in trade matters, nor can it use its finances to the benefit of sectional interests of its members. Moreover, the Society is not the parallel organisation of



the British Medical Association. In any case decisions could not be left to these two bodies alone, though both might be represented on an independent organisation set up for the purpose. There is one danger in issuing a "white" list—that it would be used in publicity campaigns as proof of therapeutic activity—but this is not an insuperable difficulty.

Pharmacy has the paramount duty of protecting the public where medicine is concerned and the qualified chemist is the only person trained to withhold supply of drugs when the public should not have them. It is quite a mistaken notion to suppose that when a prospective purchaser of a proprietary medicine enters a chemist's shop the sale of the product takes place without questions and answers from both sides of the counter. One need not spend much time in a pharmacy to realise that in spite of all the claims made in national

advertising the customer seeks in many instances, when purchasing a product for the first time, the opinion of the chemist as to the suitability of the product for a particular ailment. The unqualified shopkeeper cannot give this advice or if he is purporting to have a qualification without in fact he does not possess. Thus it is possible that with the advent of a comprehensive medical scheme there may be some inquiry into the proprietary medicine trade, and if that should happen chemists can with every right, and should, claim sole distribution of these products. If there is a restriction of sources of supply were to be brought about the drug control resulting therefrom could not do other than benefit the nation as a whole. We do not suppose the view that the comprehensive medical scheme will result in the abolition of proprietary medicine. Each treatment has its rôle in "the shape of things to come."

## PANTOYLTAURINE

It is common knowledge that the beneficent activity of the sulphonamide compounds in certain infections is due, not to the causative organisms being directly destroyed, but to inhibition of their development by action upon the compounds that nourish them. The discovery of the *modus operandi* of sulphanilamide introduced a novel conception into chemotherapy, and clearly the new idea was capable of being applied in other directions. One such application is suggested in a study by McIlwain and Hawking ("Lancet," April 10, p. 449) of the compound pantooyltaurine.

The action of sulphanilamide depends on its preventing micro-organisms from nourishing themselves upon the *p*-amino benzoate present in the body, this compound being a normal constituent of the parasite also. *p*-Amino benzoate, however, is not the only substance essential to bacteria. Another is pantothenate. Sulphanilamide is structurally similar to *p*-amino benzoate and quite probably exerts its action by reason of the similarity of structure. Would a compound resembling pantothenate in its molecular structure have a comparable inhibitive action upon that substance? A positive answer seems to have been found in pantooyltaurine. This was observed to be actively antibacterial *in vitro*, and an investigation was carried out of the panto-

thenate content of the blood of various animals and the pantooyltaurine level attainable *in vitro*. From the results obtained the theoretical therapeutic action of the drug in the living animal was deduced and the finding was put to the test on mice and rats having streptococcal infection.

Pantooyltaurine was rapidly excreted by rats, but the ratio of pantooyltaurine to pantothenate concentrations in their blood could be kept above the range of inaction for most of the day by frequent subcutaneous doses, to which there was no intolerance. Rats treated for four days were protected from approximately 10,000 units of a virulent strain of streptococcus (Richards), and less completely from 1,000,000 LD. Lower dosage did not afford protection. Similarly mice, whose blood pantothenate was much higher than that of the rat or of man, were not protected. The validity of this deduction of inaction from *in vitro* experiments was confirmed by artificially raising the blood pantothenate of rats, when the previously effective dosage of pantooyltaurine became ineffective. Sulphonamide-resistant streptococci and some strains of *C. diphtheriae* were sensitive to pantooyltaurine. Since the concentration of pantothenate in human blood is slightly less than with rats, somewhat lower levels would be necessary for man.

# ETHICS DISCUSSED AT BLACKBURN

There was a frank debate, by North-east Lancashire Branch of the Pharmaceutical Society at Blackburn on May 6, of the suggested changes to the Society's code of ethics, a copy of which had been received at headquarters.

Mr. E. ECCLES, Oswaldtwistle (president), the parent society was consulting branches about various recommendations. It had received the consideration of the North-east Lancashire Committee. The Committee approved of many of the suggestions, but wished to have the opinion of a general body before taking action. First, appreciating the difficulty of having meetings during war-time, Mr. Eccles appealed to members to attend. Answering a question, Mr. F. GILLIBRAND (secretary) said the branch had a membership of 150. It was not easy getting them together owing to multifarious war duties devolving on everyone. Mr. T. HALLIWELL thought a branch of such numerical strength should have a representative on the Society's Council. North-east Lancashire had not been so represented since the death of Mr. L. Gifford.

## Played Goods

Concerning a recommendation that "cures" for such affections as baldness, leprosy, etc., should not be advertised, Mr. W. H. LIGHTBOWN said he approved of reasonable restrictions, but what about the advertisement of hairdressers, etc., who would presumably be permitted to advertise these "cures"? Mr. H. H. ATHERTON said whilst there was something to be said about not openly exhibiting contraceptives, they had to remember that pharmacists were not there to prescribe morals, and there were cases where contraceptives were essential. Mr. A. DOBSON said a good deal depended on the wording of exhibited notices. It should be remembered that this was not a closed trade. Mr. GILLIBRAND said the Council of the district declined to accept advertisements for these things.

Concerning the ban on hawking drugs and medicines from door to door, Mr. DOBSON said it should not be forgotten that such sales were not a closed market, and there should be some protection in country districts where chemists were not as accessible as in a town. While chemists were in open competition with unqualified people they must recognise the position as it stood. It was eventually decided to oppose this clause.

Concerning the recommendation that pharmacists should not discuss with patients the efficacy of a doctor's prescriptions in such a way as to impair confidence, it was decided to add the words: "the contrary to operate in the case of pharmacists."

An interesting point was raised when a member reported prescriptions necessitating the use of lard—a rationed article. He thought its purchase for this purpose should be facilitated. Mr. GILLIBRAND replied that permits could always be obtained from the Food Office.

## Advertisements for Dispensing Service

Varied views were expressed concerning the recommendation banning advertisements that suggested that the dispensing services of the advertiser were more accurate, and the drugs supplied of better quality, than those of other pharmacists. The Committee recommended the rejection of this clause and the substitution of: "That no advertising of the dispensing service in any form or to the drugs contained therein should be permitted, excluding the use of the descriptive title, 'dispensing chemist.'" The chairman said the Committee thought dispensing service was not a suitable avenue for public advertisement other than the use of a descriptive title. Mr. H. H. ATHERTON thought no advertisement should be permitted in connexion with a professional service. Mr. LIGHTBOWN agreed and said the "descriptive title" would include any intimation that a pharmacist was a dispenser of N.H.I. prescriptions. Without such protection they would be offending the code by merely stating on their signboard: "dispensing chemist." Mr. NOWELL said there was no need for these descriptions. The clause was approved, subject to the safeguard that descriptive titles should be permitted.

## Interests in Other Businesses

Regarding the clause effecting pharmacists who were partners or directors of outside businesses, the view was expressed that this clause was unnecessary, and that the profession should rely on the enforcement of the 1941 Act. There was also objection raised to a recommendation that articles designated as undesirable by the Council should not be sold. It was thought the clause was too sweeping.

Mr. ATHERTON suggested an early opportunity be given to discuss the implications of the Beveridge Report.



# ULSTER CHEMISTS' ASSOCIATION

THE monthly meeting of the executive committee of the Association was held in Belfast on May 4. The president (Mr. P. R. W. Shinner) occupied the chair, and there were also present Messrs. H. P. Crossin, R. Gibson, J. N. Hogg, James McDowell, R. A. McEwen, J. McGregor, E. A. Richey and A. Steede. Mr. James McClenahan (secretary) was in attendance.

## Resolution on Insurance Dispensing

THE SECRETARY reported that he had not yet received a reply to the letter sent to Mr. W. E. Wilson, one of the Trustees in New Zealand, concerning transfer of trust property. He also reported that the North Down Chemists' Association had, on April 14, after an address on "Some Unconsidered Aspects of Compulsory Health Insurance" by Dr. Douglas Boyd, passed a resolution

"That the North Down Chemists' Association views with concern the proposals now being discussed for the extension of compulsory health insurance, and urges the Executive Committee of the Ulster Chemists' Association to investigate these proposals and report to the members of the U.C.A. as soon as possible with an opinion whether the introduction of extended medical benefit should be supported or opposed by chemists."

The secretary said he had been present at the meeting and had been requested to bring this resolution to the notice of the U.C.A. Executive Committee. He had also received a letter from a member expressing disapproval of any extension in N.H.I. dispensing unless greatly increased dispensing fees were paid to chemists.

He understood a meeting of assistants interested in the formation of a trade union was being held under trade union auspices during that week.

## Rule Change

THE SECRETARY placed on record that the special general meeting held, as arranged on April 21, had passed unanimously the minor amendments to the draft rules and the addition of the following clause to rule 3 concerning the objects of the Association: "To promote and subscribe to benevolent and charitable funds for the benefit of members and associates and at the discretion of the committee to funds of national or civic importance."

## Thanks to N.P.U.

A number of applications for certificates to enable them to purchase glass cloths for

use in their dispensing departments had been received from chemists. These had been sent on to the National Pharmaceutical Union. Mr. J. MCGREGOR remarked that he had made application through the U.C.A. and had received the certificate from the N.P.U.

He had received, from the N.P.U. licences for chemists in Northern Ireland use white oil in stock at December 31, 1903 for making toilet preparations for the hair. At the president's request he had written thanking Mr. Mallinson (secretary of the N.P.U.) for his good offices in this matter.

Letters received from the nephew of the late Mr. J. A. Walsh, Ph.C., and from the firms Mr. Walsh had represented, had acknowledged the Association's expressions of sympathy.

The committee had considered the question of non-observance of C.F. window display conditions, and it had been agreed that frequent reference should be made to this matter in the fortnightly circulars sent to members. The secretary was instructed to point out to chemists persistently displaying eligible non-C.F. lines that continuance of the practice would lead to stoppage of supplies of C.F. goods.

Applications for membership from Mr. Wilkinson, Ph.C., 1 Duncairn Garden, Belfast, and Mortimer & Co. (Mr. Robert Blair, Ph.C.), Foyle Street, Londonderry were accepted subject to fulfilment of the necessary conditions. An application for membership from Mr. J. McConnell, Ph.C., who had taken over on May 1 the business formerly carried on by the late Mr. F. V. Dodds, Ph.C., Crumlin, co. Antrim, was also accepted.

## Motion by President

THE PRESIDENT proposed the following motion of which notice had been given at the agenda:—

"Whereas certain resolutions concerning trustees were passed by the committee at a meeting on January 5, whereby Mr. James Dundee was appointed as a trustee of the Association in the place of Mr. William Ernest Wilson to act jointly with Mr. William James Rankin and Mr. William James Hardy who continue as trustees, and whereas new rules of the Association have since been adopted and it is desired to have four trustees of the Association instead of three, it is hereby resolved that the committee hereby appoint and confirm as a trustee of the Association the said Mr. James Dundee, Ph.C., 95 University Road, Belfast, and further that the

Committee do hereby appoint Mr. John McGregor, Ph.C., 30 Botanic Avenue, Belfast, to be a trustee of the Association, the said Mr. James Dundee and Mr. John McGregor to act jointly with Mr. William James Rankin, Ph.C., 11 Hopefield Avenue, Belfast, and Mr. William James Hardy, Ph.C., 22 Castle Place, Belfast, in the place of the said Mr. William Ernest Wilson.

MR. JAMES McDOWELL seconded and the resolution was passed unanimously.

A letter was read from Belfast Civil Defence Authority asking the U.C.A. to

co-operate in a forthcoming Gas Week (May 22 to 29). It was agreed that the U.C.A. should co-operate as requested.—THE SECRETARY reported that he was at present negotiating an agreement for earlier closing in the area Peter's Hill and Shankill Road to Oldpark Road, Belfast. A meeting of the chemists concerned had been held during the previous week, and though final arrangements had not yet been completed, it appeared that a satisfactory arrangement would result.

## WOMEN PHARMACISTS' ASSOCIATION

At the annual meeting of the Association on May 6 THE PRESIDENT (Miss E. Hodgson) congratulated members on a successful year. The Nottingham branch and a new branch at Leicester had been opened during the year.

### Employment

THE EMPLOYMENT SECRETARY (Miss P.) reported that the employment bureau had been working with the Central Pharmaceutical War Committee since September 12, when the C.P.W.C. had become recognised as an approved employment agency. There had been an increase in the number of enquiries from employers, and more employees had passed through the register. Miss Islip regretted that there had been no enquiries for apprenticeship, and hoped that did not mean that fewer girls were entering pharmacy. There had been a distinct improvement in salaries paid to pharmacists, and though there were several anomalies, salaries were becoming more uniform. Miss Islip appealed to members not to accept low salaries, and when appointed to a new post to come to an arrangement whenever possible for an annual increase. Problems concerning salaries and conditions of employment should be more easily dealt with when there was a united organisation of employees.

### Treasurer's Report

THE TREASURER (Miss Jacks) reported a satisfactory balance at the end of the year, and the fact that receipts were lower than in 1941 was not due to a decrease in membership, but because many members who joined in 1941 had paid their 1942 subscription on joining. As there had been no call on the Refugee Fund for some time it was unanimously agreed that the balance could be sent to the Society's War Aid Fund. The proposed amendment of Rule 4

to increase the size of the Committee from twelve to fifteen members, with an additional clause that members not having held an office for three years should, if due to retire, stand down for one year before seeking re-election, was carried. Votes of thanks were passed to the auditors, to the Alice Freke Loan Fund Trustees, the Pharmaceutical Society for use of premises, to Miss B. Hodgkinson and Mrs. Mozley-Stark for their assistance at meetings. Miss Phyllis Green was elected *Auditor* to fill the vacancy caused by the resignation of Miss Pearson.

### Address on the Beveridge Report

MRS. IRVINE, M.B.E. (a member of the Pharmaceutical Society's Council), then presented some "Notes on the Beveridge Report." After giving an outline of the Report's proposals, Mrs. Irvine recalled the words of the Lord President of the Council: "the fullest possible use must be made of existing resources, there must be no scrapping of good existing resources." What form this comprehensive health service would take or what part pharmacists would have in it was not known. Pharmacy could make a good case for retention of chemists' shops as the proper places for the dispensing of the nation's medicine. Some convincing reasons were: (1) Convenience to the patient; (2) saving of expense to the State; (3) existence of the N.H.I. scheme, which had worked well for over thirty years; (4) avoidance of compensation.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.



## BIRKENHEAD ANNUAL MEETING

MR. H. C. TRISTRAM, M.P.S., Heswall (brother of Councillor W. J. Tristram, J.P., president of Liverpool Chemists' Association and Branch, and vice-president of the National Pharmaceutical Union), was re-elected *President* of the Birkenhead and Wirral Pharmacists' Association at its annual meeting at Birkenhead on May 12. It was said to be unique for brother pharmacists to hold the chief offices in neighbouring associations. THE SECRETARY (Mr. R. G. Collins) reported that membership had been maintained. THE TREASURER (Mr. J. A. Dewar) submitted the accounts, which showed a useful credit balance. It was decided to send £10 10s. to the Pharmaceutical Society's Benevolent Fund, and to make donations of £1 1s. to each of five local hospitals. A collecting box handed in by Mr. F. Snow yielded a further £1 for the Benevolent Fund. Other officers were elected as follows: *Vice-presidents*, Messrs. W. Evason and G. L. Hale; *Treasurer*, Mr. J. A. Dewar; *Secretary*, Mr. R. G. Collins; *Social Secretary*, Mr. J. W. Waterworth; *Auditors*, Messrs. F. J. Nicholls and Peter Grant; *Committee*, Messrs. F.

Haworth, G. F. Lunt, A. Williams, W. Price and C. H. Crawshaw; representatives to Chamber of Commerce, Messrs. F. Snow and P. Grant; Branch representatives to conference to be held in London Whit Monday, Messrs. H. C. Tristram, R. G. Collins and W. Price, with Mr. Pilkington as reserve delegate.

THE PRESIDENT said the clauses in the revised draft statement upon matters of professional conduct were in conformity with principles already observed locally. The purpose of the rules was to get at the odd man who exploited good behaviour of the majority. The revised code should have full support, because it was in the best interests of pharmacy. In discussion mention was made of the retirement from business of Mr. Peter Grant (an ex-president of the Association), who was thanked for his services, and made an honorary life member, with Mrs. Grant as honorary associate member. MR. SNOW reported that, from a voluntary levy upon members, £12 had been sent to the National Pharmaceutical Union Distress Fund and £12 to the Society's War Aid Fund.

## ADVANCES IN ORGANIC CHEMISTRY

At a meeting of the London and South-eastern Counties Section of the Institute of Chemistry, held recently at the Institute, Dr. E. R. H. Jones, F.I.C. (Imperial College), gave a lecture on "Recent Advances in Organic Chemical Methods." In the course of his address he made the following statements.

The spectacular advances that have characterised contemporary organic chemistry are largely to be attributed to improvements in the technique of isolation, purification, examination and synthesis of organic compounds. Both new and improved physical and chemical methods have been extensively utilised. It is ever the aim of the organic chemist to employ methods involving mild conditions and minimum material. Notable advances in distillation technique are attributable to the influence of the petroleum industry. Molecular distillation is becoming increasingly popular, and has rendered possible the isolation of vitamin A in a crystalline form. Chromatographic analysis has enormously simplified the purification of naturally occurring and synthetic organic compounds and has provided a valuable new criterion of purity. On the chemical side new reagents have

been developed for separating particular classes of organic compounds.

The contribution of microanalysis towards recent achievements cannot be over-emphasised. It has led inevitably to the universal introduction of micro-methods. Absorption spectroscopy has proved a great service in isolating and determining the structure of vitamins and hormones and although knowledge of the relationship between structure and light absorption is still largely empirical, a sufficient fund of information is available to give the method a high diagnostic value.

Greater selectivity can now be obtained following the discovery of hydrogenation catalysts of the Raney nickel type and more specific chemical methods of reduction (e.g. sodium in liquid ammonia, and calcium ammonia) are being continually developed. The high-temperature nitration of paraffins and substitution chlorination of olefines are recent technical developments of great significance. The remarkable orientating effect of organic peroxides on the addition of hydrogen bromide to olefins has led to the discovery of other chain reactions, of considerable preparative value initiated by these "trigger" catalysts.

## TRADE REPORT

Not quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, May 19

BUSINESS conditions in the London drug and chemical markets remain pretty much as previously recorded, the past few weeks having proved extremely quiet as regards the aggregate volume of trading done. Values, however, are well maintained.

### Crude Drugs

The demand for these commodities continues very quiet though of a fairly steady nature. With one or two notable exceptions prices show little change on the week. GARCIN continues to sell slowly to approved buyers for bacteriological use. Good inquiry has been received for CAPE ALOES which remains at the higher price indicated last week. Any available supplies of CANADA BALSAM would be a few pence over the price ruling recently. BENZOIN remains firm and in considerable request. Occasional sales of NATURAL CAMPHOR are being made to approved buyers but the total turnover is small. First-grade ELEMI is in short supply and considerably higher prices are being asked. Substantial demand persists for CASCARA GRADA, but no stocks are available to meet these requirements. ERGOT continues to moderate inquiry, but really sound material is in short supply. GUM ACACIA dearer on spot; supplies are short but in lots are reported afloat. IPECACUANHA firm but without quotable change in price. Considerable activity has occurred in MENTHOL with business reported done at substantially increased prices. PIMENTO steady at the higher price noted last week. ODOEPHYLLUM is difficult to find on spot and, as no replenishments are coming in, prices are difficult to define. Quite a fair demand has been received for RHUBARB.

### Essential Oils

There are few price changes to record in this section of the markets and very little business is passing. Supplies of ANISE (STAR) are difficult to locate, but some business is reported done at fair figures. Supplies of English CEDARWOOD may be obtained at prices considerably higher than those usually paid for imported oil. TRONELLA continues in good request but stocks are becoming depleted. Among SYNTHETICS and ISOLATES the only impor-

tant change concerns CITRAL, which is somewhat easier. It should be noted that these products are not necessarily available because prices are quoted. Many of them are required for essential uses and are, therefore, usually not obtainable for ordinary purposes.

### Pharmaceutical Chemicals

ACETANILIDE.—In restricted supply but unchanged at 2s. 5d. per lb. for B.P.C. crystals.

BENZOIC ACID.—Obtainable at from 2s. 6d. to 3s. per lb., for essential pharmaceutical and medicinal purposes, according to quantity.

BORIC ACID.—Makers' prices per ton are as follows: Granulated, B.P., £60 15s.; crystal, £61 15s.; powder, £62 15s. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial qualities, £8 per ton less.

CALCIUM GLUCONATE.—Current rates per lb. are as follows: 14 lb., 3s. 5d.; 28 lb., 3s. 2d.; 56 lb., 3s. 1d.; 1 cwt., 2s. 11d.

CITRATES.—Makers' prices per lb. of POTASSIUM, for quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 11d. (28-lb.). IRON AND AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at one penny per lb. below these prices.

GALLIC ACID.—In restricted supply at about 8s. to 8s. 3d. per lb.

GLYCERIN.—Prices for small quantities are as follows: 56-lb. tin, 99s.; 14-lb. tin, 105s. per cwt., subject to 2½ per cent. discount, twenty-eight days.

METHYL SALICYLATE.—Makers' prices are as follows: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller lots, in bottles, 2s. 1½d. per lb.

PHENOLPHTHALEIN.—Makers' current rates are as follows: Less than 7 lb., 4s. 6d.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d.

SANTONIN.—Home trade prices are steady at the recent advance as follows: 10 kilos and over, £61; not less than 5 kilos, £62; 2-4 kilos, £63; 1 kilo, £64; 500 grams, £65; 250 grams, £66; 100 grams, £67; less than 100 grams, £68 per kilo. Carriage forward in United Kingdom.

SODIUM SALICYLATE.—Makers' prices per lb. for lots of 28 lb.—1 cwt., are as follows (containers in brackets): 2s. 11½d. (1-lb.); 2s. 10d. (4-lb.); 2s. 9d. (7-lb.); 2s. 8½d. (14-lb.); 2s. 8d. (28-lb.).

VANILLIN.—Makers' prices are steady, as follows: Ex clove oil or guaiacol, 5 cwt., 22s. 6d. per lb.; 1 cwt., 22s. 9d.; 56 lb., 23s., less than 56 lb., 23s. 3d.



## Crude Drugs

**AGAR.**—Kobe No. 1 for bacteriological use may be had by approved buyers at 65s. to 70s. per lb.

**ALOE.**—Good inquiry has been maintained for Cape, with a spot price of 72s. 6d. per cwt. now being asked. Although orders have been sent out for shipment no counter offers have been received.

**ANTIMONY.**—English minimum 99 per cent. regulus is unchanged at £120 per ton, delivered; 70 per cent. crude, for the home trade, £100 per ton, delivered. Supply position is unaltered.

**BALSAMS.**—As noted last week, *Tolu* is dearer at 11s. 6d. per lb. *Canada* would be worth about threepence more per lb. at 10s. 3d. per lb., if available. *Peru* is steady on spot at 8s. 6d. per lb. *Copaiba*, unobtainable.

**BELLADONNA.**—Steady and unchanged. Indian leaf, spot, 4s. 9d. to 5s. per lb., according to test. Indian root, spot, 435s. to 475s. per cwt., according to test.

**BENZOIN.**—Firm and in some request. Fair seconds would be worth £22 10s. per cwt., and better grades up to £27 10s., according to quality. Free "almonds," £32 per cwt., ex store.

**BISMUTH METAL.**—Quotation for minimum 5-cwt. lots of high-grade steady at 6s. 3d. per lb.

**BUCHU.**—As noted last week, new allocations are now afloat; no spot supplies are available.

**CAMPHOR.** Occasional sales are being made to approved buyers, but the quantity involved is not large. Prices of the natural grades are as follows: Chinese, B.P., spot, 11s. 6d. per lb.; crude, 92 per cent., 10s.; Japanese slabs, 12s.

**CARDAMOMS.**—Business remains slow, with prices unchanged. Aleppy seed, spot, 6s. 6d. per lb.; shipment, 6s. 9d., c.i.f.; Aleppy greens, spot, 5s. 6d.; shipment, 5s. 9d.; split seed, spot, 5s. 3d. to 5s. 6d. per lb.

**CASCARA SAGRADA.**—Inquiries are being received but no supplies are available.

**CHERRY BARK.**—In good inquiry but supplies are not available.

**CHILLIES.**—Spot price for Mombasa steady at 100s. per cwt.; no Zanzibar on offer.

**CLOVES.**—No change in the spot price of Zanzibar at 1s. 6½d. per lb.; second grade, to arrive, 1s. per lb., c.i.f.

**DIGITALIS LEAVES.**—Spot quotations for Portuguese leaves are steady at 135s. per cwt., ex store; English-grown leaves, spot, 2s. 6d. per lb.

**DRAGON'S BLOOD.**—Dull Zanzibar crop may be had on spot at £21 per cwt.; other varieties are no longer obtainable.

**ELEM.**—No. 1 gum, in small compass on spot, dearer at 330s. per cwt.

**ERGOT.**—Moderate inquiry continues, but little sound material is available. Portuguese, wormy, spot, may be had at 4s. 6d. to 5s. per lb., according to condition; sifted would be worth 5s. 3d. per lb.

**GALANGAL ROOT.**—Quoted at 95s. per cwt., bond Liverpool.

**GUM ACACIA.**—Spot supplies are short. Kordofan cleaned sorts, spot, dearer at 110s. per cwt.; afloat, 87s. 6d., landed term. Bleached, afloat, 150s. per cwt., c.i.f.

**HENBANE.**—Spot values of East Indian range between 200s. and 300s. per cwt., according to test and seller. Russian, 350s.

**IPECACUANHA.**—Firm and in good demand. Matto Grosso, spot, 21s. 6d. per lb.; shippers report difficulty in obtaining offers from the other side at prices that would fit in with buyers' ideas. Minas, B.P., spot, 18s. 6d. per lb.; under B.P., 17s. to 17s. 6d. per lb., according to test. Current prices of EXT. IPECAC. L. are as follows: Winchester, B.P., 1932, under three, 30s. 6d. per lb.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s. B.P., 1914, under three, 28s. 6d. three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 27s. per lb. all prices quoted are on a net basis.

**JABORANDI.**—Small spot supplies are available at 60s. per cwt.

**JALAP.**—Brazilian root testing 13 per cent. resin may be had on spot at 95s. per cwt.

**KAMALA.**—Material testing 5 per cent. may be had on spot at 1s. 9d. per lb.

**MENTHOL.**—Market firm with sellers 87s. 6d. to 90s. per lb., with business done spot at the lower figure.

**MERCURY.**—Controlled values unchanged. £68 10s. to £69 15s. per bottle for quantities over 7 lb.

**MYRRH.**—Business continues quiet at unchanged prices. Aden sorts, spot, £18 to £19 per cwt., according to quality.

**NUTMEGS.**—West Indian, wormy and broken spot, 1s. 7d. per lb.; sound unassorted, spot, 1s. 10d.

**NUX VOMICA.**—Cochin, washed and garbled may be had on spot at 42s. 6d. per cwt., warehouse Glasgow; shipment, 38s. per cwt. c.i.f. Cocanada, 37s. 6d. per cwt., ex warehouse Glasgow.

**ORANGE PEEL.**—Unchanged. Bitter quantity may be obtained on spot at 3s. 3d. per lb.

**PAPAIN.**—Nominal on spot at 17s. 6d. per lb.

**PIMENTO.**—Steady at the fractionally dear spot price of 1s. 9¾d. per lb. noted last week.

**PODOPHYLLUM.**—*Emodi* is scarce on spot at import licences are apparently not being granted; price, if available afloat or to be shipped with licence, would be about 80s. per cwt., c.i.f.

**PSYLLIUM SEED.**—Spot price of Indian seed remains at 1s. 3d. per lb., ex store.

**QUILLAIA BARK.**—Spot, crushed or cut, 110s. per cwt.; natural, new shipments expected the near future.

**RHUBARB.**—Quite a fair demand. Rough round, spot, 7s. 6d. to 8s. per lb., with some flat high-dried, rough-coated at 8s. Some of Shensi pickings may be had at 10s. per lb.

**SEEDS.**—Quiet conditions obtain with no changes in values which rule as follows: **BRIANDER.**—Indian offered at 95s. per cwt., 11s. **CUMIN.**—Maltese, spot, 125s.; Indian, 58s.; English, 150s. **DILL.**—Quoted at 180s. **FENNEL.**—Nominal at 95s. **FENUGREEK.**—May be had at 90s. **MUSTARD.**—Controlled prices are unchanged (C. & D., November 28, 1942, p. 566).

**SENNA.**—Quiet and unchanged. **Tinnevely** No. 1, 9d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d. **Alexandrian** broken, 1s. 3d. to 1s. 4d. **Good hand-picked Tinnevely** pods, 1d. to 1s. 2d.; ordinary grade, 10d. to 11d.; **manufacturing**, 6d. to 7½d. **Hand-picked Alexandrian** pods, 3s. 6d. to 6s., as to quality.

**SQUILL.**—Portuguese bulb, unaltered on spot 95s. per cwt.; Indian, 75s.

**STRAMONIUM LEAVES.**—Indian leaves are quoted on spot at 105s. per cwt.

**STROPHANTHUS.**—Business slow; values steady. **Kombé** 100 per cent. seed, spot, 10s. 6d. per lb. for small lots.

**TRAGACANTH.**—Fair business passing at changed prices. Current rates for the principal medium grades are as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £73; amber leaf, £65; dark amber, £50; brown leaf, 5s.; red-and-brown leaf, £38; red leaf, from 2s.; light hoggy, from £17; woody and dark hoggy, £12.

**TURMERIC.**—Business continues slow; prices changed. **Madras** finger, sound quality, spot, 5s. per cwt.; wormy, 57s. 6d.

**VALERIAN ROOT.**—Indian root can be obtained on spot at 105s. per cwt., ex store.

**WAXES.**—Firm but without quotable price **eratic.** **CARNAUBA.**—Fatty grey and chalky grey, spot, both quoted at 430s. per cwt.; **Imeira**, 520s., nominal. **BEES'.**—Supplied by through the Association of Merchant Distributors of Beeswax.

## Essential and Expressed Oils

**ANISE (STAR).**—Good inquiry but supplies are extremely difficult to find. Spot business is ported done in drums at 55s. per lb. net, and cases at 56s.; less 2½ per cent.

**BAY.**—In restricted supply; price unchanged approximately 12s. 6d. per lb., for any available spot lots.

**BOIS DE ROSE.**—About 47s. per lb. would be present price of any available spot supplies.

**CEDARWOOD.**—English oil may be obtained at 16s. per lb.; imported, if available, would be about 8s. to 9s. per lb.

**CINNAMON LEAF.**—In small compass on spot from 15s. to 16s. per lb.

**CITRONELLA.**—In considerable request, but stocks are becoming depleted. **Java**, spot, 22s. 2½s. per lb.; **Ceylon**, 19s. to 20s.

**CLOVE.**—English distillers' prices for moderate quantities are maintained at around 14s. per lb.

**CROTON.**—Quoted at 9s. 6d. per lb. on spot.

**EUCALYPTUS.**—Demand is good but supplies are restricted. Spot, 70 to 75 per cent., about 5s. 6d. to 5s. 9d. per lb.

**GINGERGRASS.**—Small quantities may be obtained from dealers at approximately 22s. 6d. per lb.

**LAVENDER.**—About 90s. per lb. would be wanted for any available spot supplies of good-quality oil.

**LEMONGRASS.**—Dealers quote from 15s. to 16s. per lb. for spot supplies.

**PALMAROSA.**—Small quantities may be had on spot at prices ranging between 32s. 6d. and 35s. per lb.

**PATCHOULI.**—Any good-quality oil on spot would fetch about 75s. per lb.

**PENNYROYAL.**—Spot price of any available supplies would be in the region of 40s. per lb.

**PEPPERMINT.**—Spot supplies of Chinese and Japanese are exceedingly difficult to find and would be worth 90s. per lb., if available.

**PETITGRAIN.**—Small lots are quoted by dealers at around 25s. per lb.

**ROSEMARY.**—Any available spot supplies would be worth about 16s. per lb.

**SPEARMINT.**—About 40s. per lb. would be wanted for any available spot supplies.

**SPIKE.**—Spot would be worth around 32s. 6d. per lb.

**THYME.**—High-quality, on spot, is valued at about 25s. per lb., but lower-phenol-containing oils would be cheaper.

**Synthetics and Isolates.**—Many of these products remain in short supply and are not necessarily available because prices are quoted. Difficulty may be experienced in obtaining supplies for perfumery purposes, as some of these products may be required for other and more essential uses. **AMYL ACETATE.**—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities would be worth up to about 2s. per lb. **AMYL CINNAMIC ALDEHYDE.**—In the region of 27s. 6d. per lb. **AMYL SALICYLATE.**—About 5s. per lb. **AUBEPINE.**—Approximately 35s. per lb. **BROMSTYROL.**—100 per cent., about 30s. per lb. **CINNAMIC ALDEHYDE.**—Quoted at around 9s. per lb. **CITRAL.**—Chemically pure, easier at about 55s. per lb. **CITRONELLAL** and **CITRONELLOL.**—Both nominal at 60s. to 70s. per lb. **COUMARIN.**—Quoted at approximately 17s. 6d. per lb. **ETHYL PHTHALATE** is not quoted. **EUCALYPTOL.**—About 13s. per lb. **EUGENOL.**—Around 23s. 6d. per lb. **GERANIOL.**—About 60s. per lb., ex palmarosa oil. **GERANYL ACETATE.**—Approximately 70s. per lb. **IONONE.**—100 per cent., around 75s. per lb. **ISO-EUGENOL.**—About 25s. 6d. per lb.

**Supply and Demand.**—The demand for waste paper for repulping and turning into munitions continues to increase. Your collection of waste paper is vital to the war effort.



## TRADE MARKS

(From "The Trade Marks Journal," April 21)

- "YEKI"; for sachets and reagents for use in hair waving (3). By The Permal Laboratories, Ltd., Hull. 621,507 (Associated).
- "MEENELIDS"; for pharmaceutical preparations (5). By Josephine A. Stewart, 49 Charles Street, Chorlton-on-Medlock, Manchester, 1. 618,452.
- "ZILLS"; for medicated sweetmeats for sale in England (5). By Ivanhoe Confectionery Co., Ltd., Wadley Road, Leytonstone, London, E.11. B618,966.
- "UTTA"; for salves for burns (5). By Joshua I. Bagnall, 40 Lodore Road, Newcastle-upon-Tyne, 2. B621,494.
- "TRANQUISAN"; for pharmaceutical preparations for treatment of insomnia, epilepsy and nervous diseases (5). By A. Michels, 57 Compayne Gardens, Hampstead, London, N.W.6. 621,520.
- "ENIT"; for pharmaceutical preparations for human use (5). By Charles Kent (Products), Ltd., Hellifield, Hallam Street, Guiseley, nr. Leeds. 621,713.
- "MAKE-U-WELL" on circular design of landscape, with pointing finger through letter "U" (words disclaimed); for pharmaceutical preparations and substances (5). By Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford. B621,748.
- "TAMPOSAN"; for tampons, being menstruation appliances (5). By Drugs, Ltd., 145 Sydney Road, Muswell Hill, London, N.10. 622,223.

(From "The Trade Marks Journal," April 28)

- "BUMAKE"; for toilet preparations (not medicated) (3). By Peter Lunt & Co., Ltd., Park Lane, Aintree, Liverpool. 621,829.
- "HOMACOL" with device of liquid soap holder (device disclaimed); for soaps, perfumery, non-medicated toilet preparations, essential oils, laundry and cleaning preparations (3). By The Horton Manufacturing Co., Ltd., 31 Ebury Road, Rickmansworth, Herts. 622,294 (Associated).
- "ANDOLIA"; for non-medicated toilet preparations (3). By E. Ratcliffe, 14 Ealing Road, Wembley. 622, 667.
- "NUZE"; for tablet preparations for aiding digestion (5). By Griffiths & Associates, Ltd., 1-3 Earl Street, Bristol, 1. 621,458.

REGISTERED USERS OF REGISTERED TRADE MARKS. Specification Nos. 39,885; 39,887; 41,374, all for perfumery and scented soaps. 249,360, for a perfume. 579,961, for perfumes. 39,877, for extract of wood violets for the hair. 39,880, for a hair preparation. 39,888, for perfumery and scented soaps. 67,061, for perfumes. 206,029, for a perfumed preparation for the beard and hair. 206,030, for perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap). 242,701 and 267,156, for a perfume. 278,540, for perfumed pomade. By Pinaud, Ltd., 128 Atkins Road, London, S.W., 12.

## CORRESPONDENCE

Correspondents may adopt an assumed name but must in all cases furnish their real name and address to the Editor

### Higher Dispensing Fees Urged

SIR,—I have felt for some time a very necessary need for revision of the dispensing remuneration for National Health Insurance scripts, apart from a general increase round, based upon the actual time involved. For example, an ointment composed simply of ac. salicyl., sulph. præcip., lanolin, a paraff. moll. would take fifteen minutes to complete. Here is a fee-value alone 1s. 3d. The same principle would apply to all preparations of any kind, and would help to bring N.H.I. dispensing into the place it should occupy. Incidentally, there is an obvious need in many quarters for chemists to step-up considerably their dispensing fees for private work. In this instance, how many would be prepared to supply the above-mentioned ointment for say, 1s. 6d. inclusive of jar, if ordered on private prescription? Far too many I feel. In order to back up a whole-hearted demand (which will soon be due) for revised or increased N.H.I. fees, chemists must indicate what they consider to be the value of their services as qualified men, by taking great care to include in all private dispensing charges an adequate amount to cover a pharmacist's time, and other overheads of the establishment. I believe the private dispensing fee average, if charges were based upon proper professional remuneration, would approximate to 1s. 6d. compared with the generally-accepted average of 9d. Supposing this to be so, is 1s. 6d. or 2s. such a terrific fee when compared with the charges of medical and other professional men? It is most essential for the whole body of pharmacists to start once on a campaign, collectively through the local branches, and individually, to secure adequate remuneration in respect of their work for which we qualified.

Bath.

E. C. HASKINS.

"C. & D." Quiz, No. 2.—The answers to the questions given on page 525 are: 1. Tragacanth. 2. Tinct. antiperiodica, B.P.C. 3. Spt. æth. co., B.P.C. 4. Sal. aperiens sulphuratum, B.P.C. 5. April 15, 1841, at the "Crown and Anchor Tavern, Strand. 6. Greek *paregoricon*, soothing. 7. Silvanus Bevan. 8. Miss Isabella Skirring Clarke and Miss Rose Coombes Minshull in 1849. 9. Robert Pett, the first traveller for the house Maw. 10. "Smaller roadside sick-making plant."

ALPHABETICAL

# PRICE LIST

OF MEDICINAL PROPRIETARIES SOLD  
AT THE CHEMIST'S COUNTER

Item.	Trade price per doz.	Pur- chase tax per doz.	Inclu- sive retail price each	Item	Trade price per doz.	Pur- chase tax per doz.	Inclu- sive retail price each
	s. d.	s. d.	s. d.		s. d.	s. d.	s. d.
axase tablets ..	19 0	3 2	2 9	Femaloid tablets ..	162 0	27 0	20 3
aritone ..	78 0	13 0	11 1	Femilan ..	10 0	2 0	1 5
hagin tablets ..	120 0	nil	15 0		24 0	4 0	3 5
	18 0	3 0	2 3	Fenasco tablets ..	10 0	1 8	1 5
	76 6	12 9	9 7		20 0	3 4	2 9
	157 6	26 3	19 8½	Fenning's—			
horbine ..	9 0	1 6	1 3	cooling powders			
inal ..	26 6	4 5	3 6	stom'ch strengtheners	10 0	1 8	1 3
	48 0	8 0	6 2	whooping-cough pdrs.	24 0	4 0	3 0
	13 10	2 3	2 0	worm powders			
urgo ..	14 0	2 4	2 0	Fever Curer ..	10 0	1 8	1 3
ns Dermal powder ..	10 6	1 9	1 5	Little Healers ..	24 0	4 0	3 0
xol tablets ..	7 6	1 3	1 3		46 6	7 9	6 0
cyman's embrocac'n	1 6	0 3	0 2½	ointment ..	10 0	1 8	1 3
Lax ..	4 6	0 9	0 7	Fenolin fluid ..	11 0	nil	1 3
	11 3	1 10½	1 5		20 0	nil	2 3
gen tablets ..	7 6	1 3	1 3	Fer Ascoli tablets ..	20 0	3 4	2 9½
rehoid ..	21 0	3 6	2 9½		36 0	6 0	5 0
ress powders ..	9 3	1 6½	1 3	Fercupar ..	54 0	10 0	7 7
	48 6	8 1	0 2	Ferocal ..	18 0	3 0	2 3
			per pdr.		29 3	4 10½	3 8
omak ..	46 0	nil	5 0		54 0	9 0	6 9
	90 0	nil	9 6	Ferræmia ..	27 0	4 6	3 5
alin ..	105 0	17 6	13 11½	Ferrigen ..	31 6	5 3	3 11
	525 0	87 6	69 9½	Ferrodic granules ..	20 3	3 4½	2 6½
					36 0	6 0	4 6
<b>F</b>				Ferrofax capsules ..	66 0	8 3	6 2
oner's golden com-					120 0	15 0	11 3
ound ..	16 0	2 8	2 0	Ferroglandoid Glanules ..	51 9	8 7	6 6
-Lax ..	2 7½	0 5½	0 4		99 0	16 4	12 4
el syrup ..	14 5	2 6	1 8½	liquid ..	180 0	29 8	22 6
	28 10	5 0	3 5		58 6	9 8	7 4
eeeth ..	4 0	nil	0 6		108 0	17 10	13 6
	18 0	nil	2 3		211 6	34 11	26 5
oner's worm pdrs.	8 0	1 4	1 1	Fersolate tablets ..	18 0	3 0	2 3
V.D. ..	27 0	3 5	2 6		54 0	9 0	6 9
	48 0	6 0	4 6		99 0	15 0	11 3
o ..	12 0	2 0	1 8	Ferute syrup ..	10 6	1 9	1 6½
mine tablets ..	57 9	9 7½	7 3		19 6	3 3	2 9
	228 9	38 1½	28 7	Fibrosan ..	18 0	3 0	2 3
ows syrup ..	36 0	6 0	4 6	Ficolax ..	15 9	2 8	2 0
	63 0	10 6	7 10½		34 3	5 9	4 6
tablets ..	10 9	1 9½	1 3	Filudine ..	24 0	3 10	2 10
	21 6	3 7	2 6½		38 5	6 2	4 7
ol powders ..	22 6	3 9	2 10	Fissan anal ointment ..	4 0	0 8	0 7
	90 0	15 0	11 3		12 0	2 0	1 8
aloid tablets ..	27 0	4 6	3 4½	suppositories ..	12 0	2 0	1 8
					24 0	4 0	3 4



Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
Fissan basic ointment ..	s. d. 4 0	s. d. 0 8	s. d. 0 7
ichthammol pdr.	16 0	2 8	2 3
paste .. ..	4 0	0 8	0 7
paste .. ..	18 0	3 0	2 6
silver powder	4 0	0 8	0 7
sulphur powder	8 0	1 4	1 1½
Fitolin .. ..	16 0	2 8	2 3
Fitolin .. ..	14 0	2 4	1 11½
Flemming's (Dr.) pills ..	20 0	3 4	2 9½
Flocusil .. ..	36 0	6 0	5 0
Foille capsules .. ..	11 3	1 10½	1 5
liquid .. ..	27 0	4 6	3 4½
Foculil .. ..	45 0	7 6	5 7½
Foille capsules .. ..	67 0	11 0	8 9
liquid .. ..	18 0	3 0	2 3
Forbes (Dr.)—	36 0	6 0	4 6
earache drops ..	126 0	21 0	16 0
Dessessartz syrup	4 6	0 9	0 9
mustard cream ..	10 6	1 9	1 9
rheumatic rub ..	5 9	1 0	1 0
slimming tablets	6 0	1 0	1 0
Super Lax .. ..	5 0	0 10	0 9
Tonisex tablets ..	8 3	1 4	1 3
vapour rub .. ..	14 6	2 5	2 3
Formakaylene tablets ..	1 10	0 4	0 4
Formatone .. ..	3 3	0 6	0 7½
Formec .. ..	17 0	2 10	2 6
Formitrol pastilles ..	28 0	4 8	3 6
Formocarbaine granules	46 0	7 8	6 0
Fortamin .. ..	7 0	1 2	1 3
Fosfoxyil pilules	13 6	2 3	1 9
syrup .. ..	90 0	15 0	11 3
Fraise—	15 9	2 7½	2 0
Campho-Salylampoules	9 0	1 6	1 3
ferruginous ampoules	15 6	2 7	2 3
drops .. ..	13 0	2 2	1 8
Hypotensive drops ..	31 6	5 3	3 11
Nevrosthene ampoules	34 0	5 7	4 3
drops .. ..	31 6	5 3	3 11½
sodium cacodylate	49 6	8 3	6 2
ampoules .. ..	40 6	6 9	5 1
Franklin tea .. ..	36 0	6 0	4 6
Freeman's syrup ..	36 0	6 0	4 6
Freezone corn remover	40 6	6 9	5 1
Fructose carpinæ co. ..	36 0	6 0	4 6
chemical food .. ..	36 0	6 0	4 6
Fumora cigarettes ..	49 8	8 3½	6 2½
	27 0	4 6	3 4½
	45 0	7 6	5 7½
	4 3	0 8	0 7½

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
Fusanel capsules ..	s. d. 45 0	s. d. 7 4	s. d. 46 4
Fynnon salt .. ..	4 9	0 9½	5 8½
	12 3	2 0½	14 3½
<b>G</b>			
Gargar Astringens ..	40 0	6 8	46 8
Gastroic Leo .. ..	108 0	nil	108 0
Gelineau dragées ..	42 9	7 1½	49 10½
Genabrom .. ..	85 6	14 3	99 9
	16 0	2 8	18 8
	30 0	5 0	35 0
Genasprin tablets ..	68 0	11 4	79 4
	4 0	0 8	4 8
	10 0	1 8	11 8
Gentian-violet jelly with	16 0	2 8	18 8
Merthiolate .. ..	50 5	8 6	58 11
Germolene—			
blood purifier	11 6	1 11	12 7
ointment .. ..	28 0	4 8	32 8
Germaloids .. ..	11 9	1 11½	13 10½
Germosan cream ..	12 0	2 0	14 0
liquid .. ..	8 6	1 5	10 1

**Price List Corrections.**—The following corrected figures should be inserted in the May and 15 instalments:—

P. 488: *Trade price per doz.*—Agarol compo 26s. 8d.; Alomin (larger size), 155s. Alka-Zane compound, 32s.; Anusol-H ointment and suppositories, 32s. *Inclusive price each.*—Alomin, 6s. 2d. and 20s. Ambinon ampoules, 28s. 1½d.; 22s. 6d. 73s. 1½d.; Amertan, 1s. 8d. and 3s. 1d. Antivirin Jelly, 2s. 3d.; Aripion Pulv 1s. 11½d. and 22s. 4d.

P. 489: *Inclusive retail price each.*—Akroth ointment, 1s. 8d., 11s. 6d. and 20s. Angioxyl ampoules, 6s. 9d. and 11s.; sy 5s. 7½d.; Asmolin tablets, 4s.; Azuc 1s. 8d. and 13s. 5d.; Berin ampoules, 5s. 8s. 11d. and 33s. 4d.; Berin Forte ampo 5s. 7d., 17s. 9½d. and 70s.

P. 490: *Inclusive retail price each.*—B Pulvules, 8s. 4½d.

P. 491: *Trade price per doz.*—Cal-Bis- 13s. 4d. and 26s. 8d. *Inclusive retail price each.*—Caldeferrum tablets, 2s. 10d., 4s. and 21s. 11d.

P. 492: *Inclusive retail price each.*—Carma tablets, 1s. 5d. and 3s. 4½d.

P. 516: *Purchase tax per doz.*—Con crystals, 6d.

P. 517: *Inclusive retail price each.*—Dero 1s. 8d. and 8s. 5d.; Do-Do pastilles, 1s. 8 tablets, 1s. 1½d. and 3s. 4½d.; treatm 5s. 1d.

P. 518: *Inclusive retail price each.*—Ephed and Merthiolate, 3s. 4½d. and 35s. 0 jelly, 2s. 9½d.

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*NEAR, MIDDLE and FAR EAST and AUSTRALASIA*

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## AN IMPORTANT WARTIME PROBLEM

# Making Wartime Diet More Attractive

Our wartime Food is dietetically sound and ample for our needs, yet by very reason of its austerity it cannot be as attractive to the palate as was the food of happier days. So any product which enables the average housewife to present wartime meals in more palatable, attractive and "different" form, is of distinct value to the community. It is scientifically true to say that good food that one likes does more good than equally good food eaten without enthusiasm.

## A Three-fold Extract

Such a product is So-Taist-Ec Extract. This *three-fold* extract of beef, vegetable and yeast achieves a flavour that is attractive to the most languid palate. It is used in various ways. As a beverage (a hot cup of which takes only half a teaspoonful of extract) it is very valuable as a stimulant and incentive to appetite. For this reason it is most useful in the sickroom and for invalids. It is spread in sandwiches; as such it makes many a war-worker's "snack meal"; its biggest potential value is as flavouring in all types of cookery dishes—in soups and stews, in casserole dishes and in the "made-up" dishes that constitute so large a part of wartime diet.

## More than a flavouring

But So-Taist-Ec Extract is not just a flavouring. It has a positive food value, for it is made from choice beef, from green and root vegetables, and from yeast. The food value of So-Taist-Ec Extract is unsurpassed by any extract of a similar type. So-Taist-Ec Extract is the *original* beef, veg, yeast extract made from a secret formula, and was introduced into this country by Tyne Brand Products, Ltd. (a name which has been synonymous with the highest quality food products for 25 years).

## Publicity Backing

This Extract has already won great public favour. This is due to its high quality and also to the backing of consistent, forceful publicity. Advertising for this product is appearing in the National Press and in provincial papers throughout the country. We suggest that So-Taist-Ec Extract is a product which from all points of view it is well worth the chemist's while to stock. Retail prices are 10½d., 1¼d., 2/9d., and 5/3d., whilst larger sizes are available for Canteens, Restaurants, etc. We will gladly send you a sample and full details of trade terms on request.

# SO-TAIST-EE THREE-FOLD EXTRACT

## BEEF · VEG · YEAST

TYNE BRAND PRODUCTS LTD. · NORTH SHIELDS



# MEDICINES *in* GELATIN CAPSULES

## the ROTARY DIE PROCESS

GUARANTEES ACCURACY OF DOSAGE AND PROTECTION OF CONTENTS IN A SOLUBLE, TASTELESS, ODOURLESS GELATIN CAPSULE.

UNDER WAR CONDITIONS THE PRODUCTS OF THIS LATEST IMPROVED ENCAPSULATION METHOD ARE NECESSARILY RESTRICTED, BUT AFTER THE WAR A HOST OF NEW MEDICINES AND UNGUENTS WILL BE AVAILABLE IN THIS MODERN FORM.

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**Three SALTS**

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**Dr. J. Collis Browne's Chlorodyne**  
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**SALE RESTRICTED TO REGISTERED CHEMISTS**

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**P.A.T.A.**

**ZAC-ZINC**  
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© **CREAM**

**In a Special Soothing Base—**  
**Ideal for Sunburn, Babies,**  
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Attractive 2 oz. and 4 oz. Pots  
Retail: 1/3 and 2/6, inc. tax  
Cost: 8/- and 12/6 dozen + 16 $\frac{2}{3}$ % P.T.  
Bonus: 13 to dozen assorted gross lots

**HOUGH, HOSEASON & CO LTD**  
*Manufacturing Chemists*  
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**PROPAX**  
PAIN RELIEVING TABLETS

**TRADE TERMS** **P.A.T.A.**

Retail	Wholesale
6 $\frac{1}{2}$ d. inc. P.T.	4/5 doz. (packed in 3 doz. display)
1/5 " "	11/3 " " " "
2/6 " "	19/3 " " " "

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and 7c Lower Belgrave Street, London, S.W.1



Dettol Ointment is now packed in jars, instead of tubes, in order to save metal for munitions.

## Dettol Ointment

contains the active germicidal principle (P-chlor-M-xyleneol) of 'Dettol' antiseptic in a smooth, soothing base. The base is emollient and curative. It penetrates deeply, effecting close and prolonged contact between the bacteria and the bactericide. For all cuts, abrasions, and potentially septic, contaminated areas of the skin, where an ointment form is preferable to a liquid form, Dettol Ointment may be recommended with confidence.

Available in 1-lb. jars for Hospital and Surgery use.

RECKITT AND SONS,  
LONDON AND LONDON. (PHARMACEUTICAL DEPT., HULL)

## No. 4. Novelty Competition by T. Scott Sutherland

F.R.I.B.A., F.R.I.A.S.

Chairman

## MOORE MEDICINAL PRODUCTS

LTD.

ABERDEEN

SCOTLAND



Here is a clock dial indicating that BROVON should always be associated with ASTHMA.

We have set the hands opposite two letters (sealed in our safe) and we ask you to guess where the hands are pointing, i.e. A & O, S & N, etc. Only one guess is permitted from each entrant and postcard should reach us within ten days of publication.

2 doz. BROVON (value £10) will be awarded for the correct or nearest position submitted

No Chemist succeeded in solving completely our No. 3 drawing competition. First prize has been divided between G. S. Parkinson, M.P.S., Preston, and J. Lawrence Toon, M.P.S., Leicester, with one error, and the balance has been distributed amongst Chemists with two errors.

Correct Solution was: 1. Scissors. 2. Ash-tray. 3. Telephone. 4. Pipe. 5. Electric Bulb. 6. Toothpick. 7. Bottle (Brovon). 8. Lady's Shoe. 9. Tennis Racket. 10. Button.

Look out for our next competition, and please remember to keep adequate stocks of BROVON



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## *will solve your problems*

PROMULSIN WAX is a new synthetic self-emulsifying wax of universal application, designed for making emulsions of either the oil-in-water, or water-in-oil type. It is a pale yellowish-white material, capable of producing creams by the simple addition of water, or it can be mixed with ingredients normally incorporated in chemical and pharmaceutical products. Increased production and improvement of formula have resulted in a reduction of price. Users of emulsifying waxes should discover for themselves how PROMULSIN WAX can solve their many problems.

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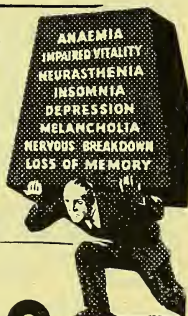
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# 75% OF YOU CUSTOMERS

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This wonderful, Medical Restorative BRINGS IMMEDIATE RELIEF IN ALL CASES OF NERVE STRAIN, DEPRESSION, TIRED and LISTLESS APPEARANCE, MENTAL and PHYSICAL EXHAUSTION

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PRICES (including purchase tax)

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Whilst M.O. is a universal laxative and antacid, its peculiar "blandness" suggests its choice whenever the avoidance of irritation is essential.

## Chief indications:

Constipation .. Pregnancy,  
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Our experiments to solve the problem of combining acid (aspirin) and alkali (soda bic) in a stable form first commenced in 1936, and Neodex Seltzer as now offered to the chemist is the direct result of our researches since that date.

A study of its formula will prove how confidently it can be recommended for Headaches, Digestive Troubles, and many types of Rheumatic or Neuralgic Pains.

It is stable, and the effervescent solution it produces is palatable, clear and practically without sediment.

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So confident are we of Neodex Seltzer that if any customer should ever express dissatisfaction, we would ask the chemist to refund the full purchase price without question. Upon receipt of a card we will immediately reimburse the chemist plus postage.

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Charlbury, Oxford



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*The ideal* **FRUIT**  
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Malt and Chocolate Flavour

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Retail Trade  
small size 1/6 14/4  
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*at unusual opportunities the pharmacist has for studying human nature! continuous stream of customers reveal themselves to his keen perception by their purchases, their half-confidences, their hopes and fears . . .*

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's **THE MAN WITH A PAIN**—generally in his stomach. He wants from it and that is something you can quickly give him. But does he e that a cup of Benger's last thing at night for a fortnight would go a long to removing the cause of his trouble—an over-strained digestion? ly not, but more and more people (and normal, healthy folk as well) are influenced by the sound sense of Benger advertisements which appear in ically every important magazine and newspaper in the country.

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**90% of your customers need Benger's  
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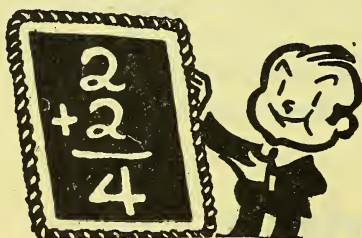
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*The* **VITAMIN MALT FOOD**

With Guaranteed Complement of Vitamins A, B, C

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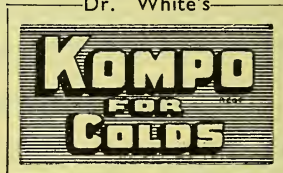
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**W. H. BOX, KING ST., PLYMOUTH.** Including Purchase Tax

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2 doz. 1/6 size, 27/- per parcel

Prices include all Purchase Taxes and Postage carriage and buyers may have up to two dozen any size for each shop and may re-order every month whilst this special offer remains open. Remittances must be sent with each order. Cheques should be crossed National Provincial Bank, Ltd.

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## LIQUID MANURE

made from fully balanced highly concentrated liquid "NurE" provides plants with the ideal natural feeding solution—they thrive on it.

Get in touch with your wholesaler without delay, and be prepared for the sales demand consequent upon advertising.

In 2/6 Bottles



LEMO MANUFACTURING CO. LTD.  
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Date-expired tubes returned to us postage paid will be exchanged free of charge.

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Bottles 6/- each	4/6 each
" 4/6 "	3/9 "

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Discount off Retail Prices 25% Monthly Account, or 33 1/3% Cash with Order.

Retail	Monthly A/c	Cash with Order
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For destroying Blackbeetles, Cockroaches, Crickets, etc.	Retail Prices (Protected)	Wholesale Prices
In cartons 9d. each	.. ..	6/9 per doz.
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All carriage paid C.W.O. or C.O.D.

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Produces a fine, brilliant, white cream, with  
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Constantly advancing cost of raw material reluctantly  
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Their fragrance sealed in attractive pack.  
42/- per gross. Post Paid, with show cards  
Sample packet 9d.

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Special prices for larger quantities.

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**HAIR CREAM JARS**, 48/- gross.

2½ oz. PANELS, 30/- gross.

Complete with Screw Caps.

**Clearance Line:** 1 oz. Jars, complete with  
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**Invisible** } boxed in 3000 1½ in., 9/- per 1000  
**Hair Pins** } " " 2000 2 in., 11/3 "

**Snoods**, heavy qual., assort. shades 11/- per dozen

**The above Goods Subject to 33½ per cent p. t.**

**Hair Slides**, assorted shades, 30/- per gross

" **Curlers**, 3 on a card 5/9 per dozen cards

**Lipstick Containers**, wooden, brightly

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**Talcum Powder**, Janet Masee, 12/- "

**Lacquer**, Janet, 18/- "

**The above Goods Subject to 100 per cent p. t.**

Also available Hair Nets, Torch Batteries, Sanitary  
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Narcissus	.. .. .	lb. 20/-	
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Wallflower	.. .. .	lb. 25/-	
Bouquet	.. .. .	lb. 25/-	
Lavender	.. .. .	lb. 24/-	
Lilac	.. .. .	lb. 22/-	
Jockey Club	.. .. .	lb. 12/6	
Eau de Cologne	.. .. .	lb. 16/-	
Fougere (Fern)	.. .. .	lb. 25/-	
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**Bottles:** 1 lb., ½ lb., 6d. extra. Under ½ lb.  
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H.D.L. Brand Water Soluble Essences are deli-  
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## POWDER CREAM (4 shades), COLD CREAM, COMPLEXION MILK, VANISHING CREAM, MATTE LIQUID MAKE-UP MIAMI LEG TAN.

Genuine, tested formulae that ensure reputa-  
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## SMART BOTTLES & JARS

2 oz. to 40 oz., with metal screw caps, also cor-  
Large stocks, prompt delivery. Send stamp for list

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**Bandages**, 1 in. to 3 in. assorted, 12/6 gross. **Ca**  
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1000. 6-in. lengths covered wire, suitable Hair C  
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**Combs**, 6/6 dozen. Purchase Tax included,  
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**Best French Chalk;** Talc Powder; **Zi**  
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# The CHEMIST AND DRUGGIST SUPPLEMENT

MAY 22  
1943

28 ESSEX STREET, LONDON, W.C.2

This Supplement is included in every copy of The Chemist & Druggist

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With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

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**P**HARMACY. The Royal Arsenal Co-operative Society, Ltd., has a vacancy for a Qualified Manager. Progressive position; also Unqualified Assistant. Good conditions of employment, and no Sunday or Holiday duties. Apply in writing, stating age and experience, salary required and position under the National Service or Registration for Employment Order Acts to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

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**Q**UALIFIED Assistant required, capable of taking charge. £7 per week. Also unqualified Assistant. Walsall and District Co-operative Society, Bridge Street, Walsall.

**Q**UALIFIED required for May 31, to manage Pharmacy Branch. Permanency—or locum entertaining. Apply, Chemist, 10 Burford Road, Bromley, Kent.

**R**EQUIRED at once: Qualified Dispenser, ex-military service. Must be conversant with recent advances in pharmacy. Langman, Station Street, Saltburn-by-Sea.

**T**AYLORS BRITISH CHEMISTS have vacancies for Qualified Managers and Assistants, male and female, in the Midlands and North of England and Scotland. Apply Retail Staff Department, B. Hill, Leeds, 4.

**U**NQUALIFIED Assistants wanted for Pharmacy in London and Birmingham (M. or F.). Part-time considered. Good conditions. Apply to Mr. Thatcher, 132 Caldmore Road, Walsall, or Mr. Davies, 1 Burnt Ash Road, Lee Green, London, S.E.12.

**W**ANTED, Qualified Pharmacist, Male or Female, for Temporary Part-time position in County Supplies Department. Salary £350 per annum plus cost of living bonus. Apply in writing to Manager, West Riding County Supplies Department, Cliff Lane, Wakefield.

### LOCUMS WANTED

**L**OCUM. Qualified, one or two weeks from June. Mainly supervision of competent assistants. Terms to W. Varley, 8 East Reach, Taunton.

**L**OCUM required for one month during summer. Could be divided into separate fortnights. Allen & Lloyd, Ltd., Brighton Road, Aldershot.

**L**OCUM fully qualified required for any two months, August or September. Take full charge of department, no Sunday duties, in Richmond. giving full particulars and salary required to C. Bros., Ltd., 16-18 Rutherford Street, Westminster, S.W.1.

### WHOLESALE

**A**PPPLICATIONS are invited by old-established London House of Manufacturing Chemists for a Qualified Man as Assistant Works Manager, with a view to taking full control after a preliminary period. The vacancy offers an excellent opportunity for a man of ability and initiative. Must be an organiser and capable of controlling staff. Previous experience an advantage but not essential. No military service. Write, giving full details of qualifications, experience, age and salary required. Cf. London Office of this Paper.

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**LONDON FIRM** Wholesale Chemists require man as second chargehand and checker in warehouse. Must be strong, energetic, intelligent and accurate. Exempt from military service. Write giving details of past experience, age and salary expected to 925, London Office of this Paper.

**MANUFACTURING Chemist** (South East London) requires man with experience in Tableting and general pharmaceutical manufacture. Knowledge of dispensing helpful. Applicants must be exempt from military service. Box 250, Potter's Advtg. Offices, Wych House, London, W.C.2.

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**PHARMACIST** for London Wholesale House. To control D.D.A. records, and assist generally. Ground trade experience desirable, and possess of stability. Exempt military service. Applicants must state experience, salary expected, and enclose copies of testimonials. 424/559, London Office of this Paper.

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**REPRESENTATIVES** wanted, North of England and Eastern Counties, for essences, dyes, perfumers, etc. State details of experience, salary required, reason for exemption. Salary, expenses and commission, or commission only if preferred. Box B/3, The Office of the Chemist and Druggist, New Street, Birmingham, 2.

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